

# MDL<sup>®</sup> CrossFire Commander 7.0

# Quick User Guide

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03/2004

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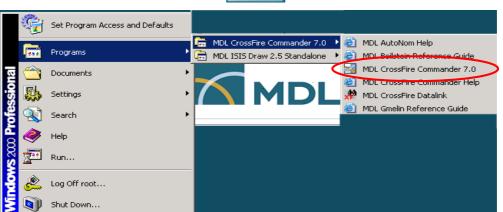
### MDL CrossFire Commander 7.0

#### 1 General

#### 1.1 Starting MDL CrossFire Commander 7

• To start Commander from whichever platform you are using: double click the icon on your desktop or select in the Windows start menu "Programs:MDL CrossFire Commander 7"







#### 1.2 Overview

		_D× _8×	
MDL' CrossFire Commander	Query Results Reports Alerts AutoNom		
Query History   Open Query   Save Query   Print 0	)uery   Clear Query     Select Database     Draw Structure     Modify Alert   Create Alert	[Start Search]	
Text in the Forms:       ?         Find       Find         Search Fields       Queries         Predefined Search Forms       Hitsets         Bibliographic Data       Hitsets         Substance Identification Data       Hitsets         Physical Data       Spectroscopic Data         Pharmacological Data       Seatotical Data         Solubility Data       Solubility Data	Image: Structure/Reaction Search         Structure/Reaction Search         Double click to enter the Structure/Reaction editor.         Right click to copy or paste the structure.         Image: Structure and the structure and the structure and the structure.         Image: Structure and the structure and the structure and the structure.         Image: Structure and the structure and the structure and the structure and the structure.         Image: Structure and the structure an	Allow:     Allow:     Salts     addl.rings     isotopes     charges     radicals     mixtures     relat. Markush	
	and Search All Text ?	. Clear Text	
	and Search Fields ? Advanced Sear	ch Clear Table 🔻	
	< Select (and edit) Search Form, Search Field, Query, or Hitset from left box an	id append to query	
Sort Entries above	Search Context Substances	Start Search	
File Edit Task View Options Query Help     MDL: CrossFire Commander     Query Results     Query History     Dear Query     Search Fields     Query Builder     Search Fields     Search Fields			



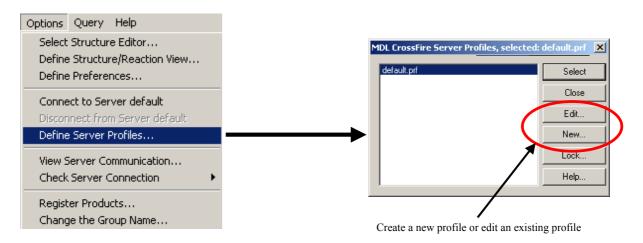
### MDL CrossFire Commander 7.0

#### 1.3 Connection

To access the CrossFire Server a profile has to be available which includes information about the Server, and a UserID/Password.

Note: these settings may have been automatically done already by your administrator!

To create a profile select **Options:Define Server Profiles...** 



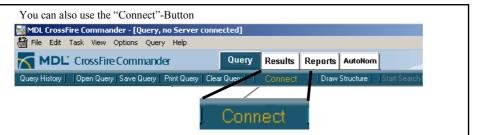
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MDL

Enter the server information (ask your administrator for details if needed).

To connect to the CrossFire Server please choose "Options:Connect to server <name of your profile>"



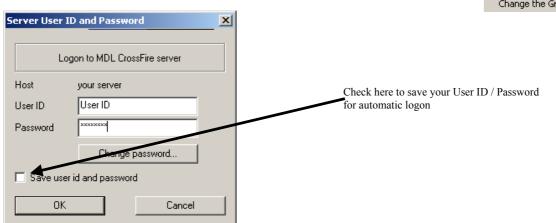
Define Preferences... Connect to Server default connect from Server default Define Server Profiles... View Server Communication... Check Server Connection Register Products... Change the Group Name...

Options Query Help

Select Structure Editor...

Define Structure/Reaction View...

On first logon you will be prompted for your user ID and password



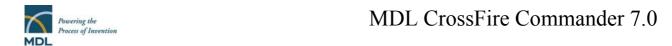


### MDL CrossFire Commander 7.0

If you want to change your saved User ID/password select "Options:Define Server Profiles..." and select the profile for which you want to change your credentials.

	Check here to get prompted for User ID and Password
MDL CrossFire Server Profiles, selected: default.prf  default.prf  Edit  New  Lock  Help	MDL CrossFire Server Profile [C:\Program Files\XFC62\group\prf\defa          Server       Communication         Gefault.prf       Forget user id/password for the server         Inhibit password change for the server         Host         Host         Upur server         OK

Page 6 of 58



When Commander is closed it will offer to save the parameters of your current session for automatic setting :

MDL CrossFire Commander	
Closing this application will terminate your MDL CrossFire session and delete all session hitsets. Terminate your session?	
Automatically connect to the current server for the next	
No Help Yes	
	-
Click here t	o close Commander
Check here to get automatically connected at the next start of Commander	



### 2 Query

#### 2.1 Select the Database

MDL CrossFire Commander - [Query for So File Edit Task View Options Query He CrossFire Commander		
Query History   Open Query   Save Query   Print Search Field Name in Hierarchy: ? Find Predefined Search Forms   Hitsets Search Fields Queries Beilstein(2002/11) Bealsci Indexes Bibliographic Information Substance Identification Chemical Properties Physical Properties Physical Properties Pharmacological and Ecological Data	Select Database       Draw Structure       Start Search         Query Builder       ?       Search in: Beitstein(2002/11)         Free Sites:	Select Database Click this button to select one or more databases for your search. If you are not
	and Search All Text ?	connected, this button will look lil
	and  Search Fields ? Advanced Search Clear Table  Clear T	Clicking this butto will connect you an open the Database Selection
Show Help for Search Fields	Search Context Substances Start Search	Page 8 of 58



## MDL CrossFire Commander 7.0

The Database Selection Window allows you to select one or more databases for your search

Select databases to be searched			×
Please check one or more databases:			
Gmelin(2003/03) ✓ Beilstein(2003/03) Available Databases check the Checkbox to select	•	MDL CrossFire Server Software, Version 6.0 (Build 19) Copyright (c) MDL Information Systems GmbH 1996,2002 Current database is 'BS0303AE' with 8773343 compounds. Beilstein Data: Copyright (c) 1988-2003, Beilstein Institut zur Foerderung der Chemischen Wissenschaften licensed to Beilstein GmbH and MDL Information Systems GmbH. All rights reserved. Available contexts 'SRC' (Substances,Reactions,Citations). Current context 'S'. User ', ', rights 'R' (All,Read,None). Data Structure: xfaeco7.dst, Version: 4.06 Information about the selected Database	
1			1
Please note: If you have selected multiple databases, the tri available in one database only are hidden.	ee "All S	Search Fields'' offers only fields common to all databases. Fields Help	

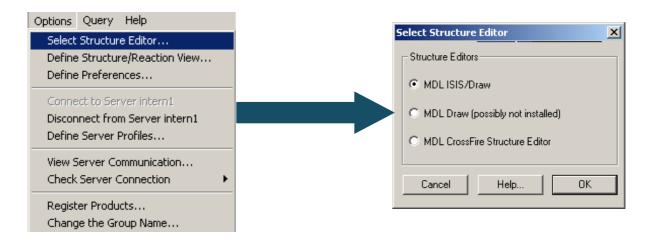


#### 2.2 Working with the Query Pane

#### Structure Search

Three Structure Editors can be used to draw a structural query for use in MDL CrossFire Commander 7.0: The CrossFire Structure Editor, ISIS/Draw 2.5 and MDL Draw.

To select the Editor of your choice please use the menu "Options:Select Structure Editor ... "



For individual guides to the structure editors please visit http://www.mdl.com

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### MDL CrossFire Commander 7.0

### 2.2.1 The structure query formulation

Structure/Reaction Search Double click to enter the Structure/Reaction editor. Right click to copy or paste the structure. Double-click to open the structure editor or paste a structure from the clipboard (note: not all information can be pasted) Draw a structure or a reaction and return to Commander	Free Sites: ? hetero atoms ? all atoms ? Search: ? as structure ? as reactant as reagent/ as catalyst/ as solvent Clear Structure Options for str	Stereo: off  Allow:  addl.rings  charges  charges  radicals  mixtures  relat. Markush  Extended Options  ructure queries
---	---	---



A chemical structure can be searched with the following options:

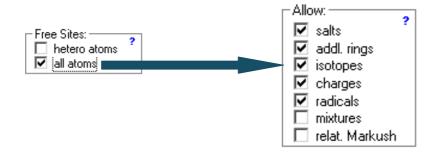
- Free Sites:	
	2
hetero atom:	S
🔲 all atoms	

Use these options to set free sites on hetero atoms / on all atoms for the entire molecule

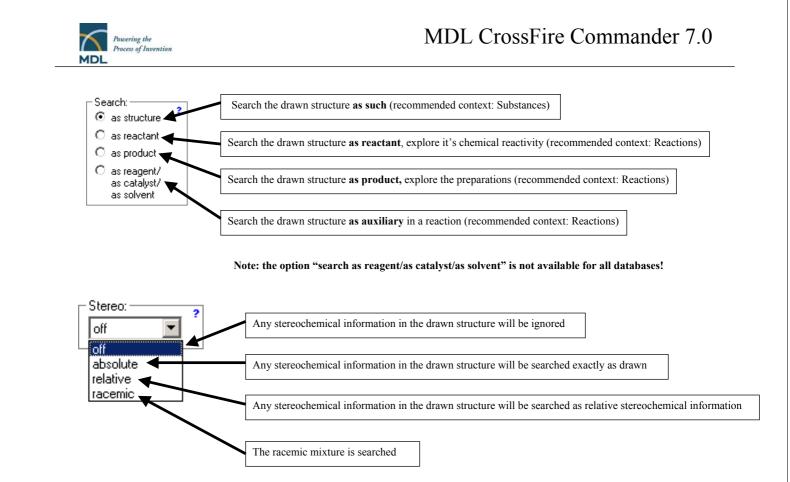
If AutoSearch is enabled these options will be set automatically during the search (see page 33)

Note: free sites on individual atoms can be set in the structure editor!

*Automatic settings*: "Free Sites on all Atoms" is interpreted as a substructure search. To allow this the options "Allow: salts, additional rings, isotopes, charges and radicals" are set automatically. Each of them can be unchecked if not wanted



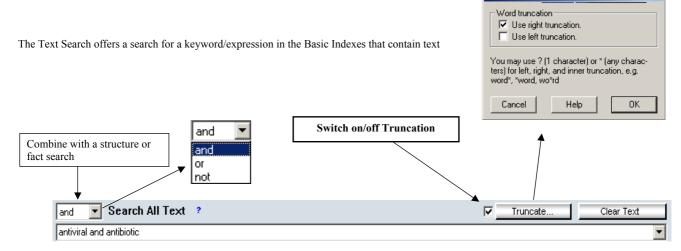
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Word search options

### 2.2.2 Text Search



The Text Search will search your search term in the text -indexed Basic Indexes of the selected database(s). Operators "and", "or", "next", "near", "proximity" can be used.

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×

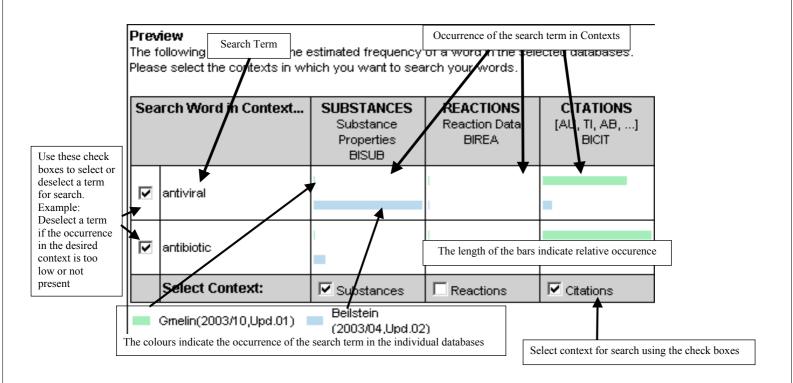


### MDL CrossFire Commander 7.0

When a Text Search is started Commander displays a window to define your search:

he f	<b>iew</b> ollowing bars indicate the e e select the contexts in wh			ected databases.	Search Plan The following search conducted in databa (2003/10,Upd.01) at (2003/10,Upd.01) at	ase(s) Gmelin nd Beilstein
Sea	rch Word in Context	SUBSTANCES Substance Properties BISUB	REACTIONS Reaction Data BIREA	CITATIONS [AU, TI, AB,] BICIT	(2003/04,Upd.02) (4 Gmelin (2003/10,Upd.01) (Substances)	antiviral AND antibiotic
•	antiviral		1	•	Gmelin (2003/10,Upd.01) (Citations)	antiviral AND antibiotic
•	antibiotic		-	-	Beilstein (2003/04,Upd.02) (Substances)	antiviral AND antibiotic
	Select Context: Gmelin(2003/10,Upd.01)	Beilstein (2003/04,Upd.02	Reactions	Citations	Beilstein (2003/04,Upd.02) (Citations)	antiviral AND antibiotic
	<ul> <li>Different contexts may comprehensive! Results different windows.</li> <li>Words from bibliographi Number,) are NOT se words in the left column</li> <li>Substance property dat</li> </ul>	from different datak ic data (Author, Pate archable in SUBSTA and use DATA SEA	ases and contexts nt Assignee, Journa NCES or REACTION: RCH for these word	are displayed in IName, Patent S. Please uncheck Js to get records.	Hitsets will be giver windows!	i in separate

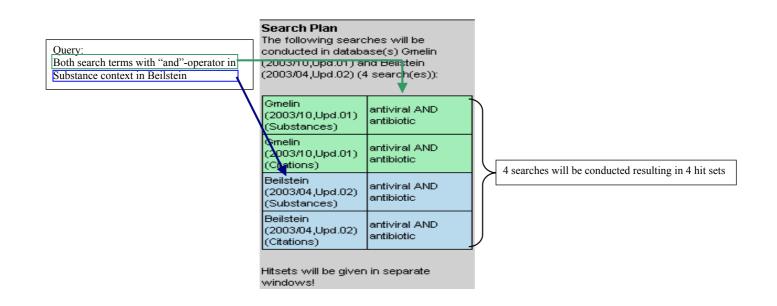




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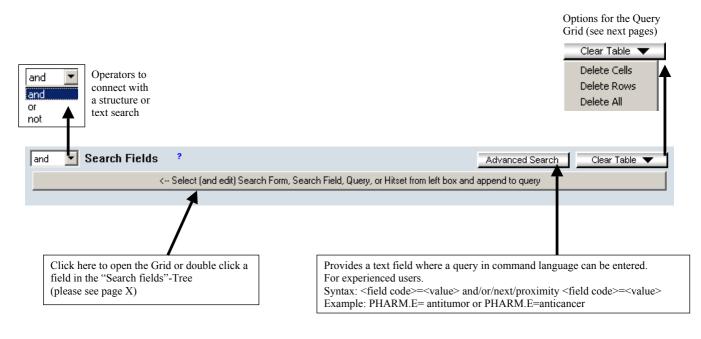


The selection of search term and context by using the checkboxes leads to a search plan, which is displayed at the right side for a convenient overview and to enable a preview or relevance check before starting the search:

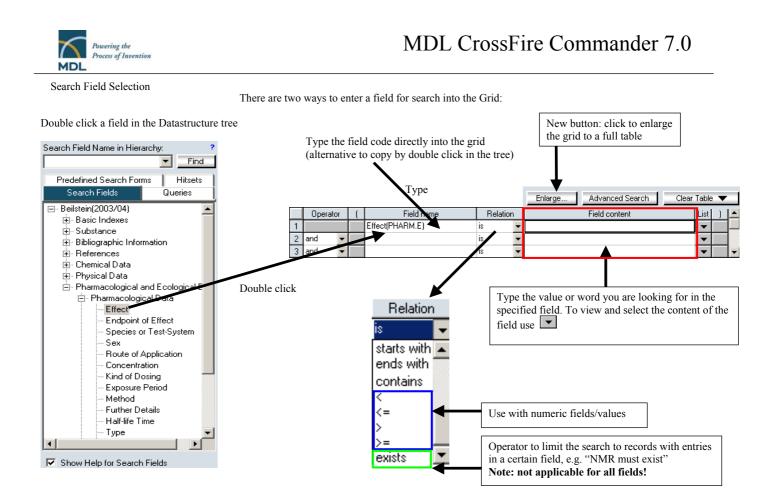




### 2.2.3 Search Fields



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	Operator	(	Field name	name Relation		n	Field content List )	Ŀ
1					is	•		]_
2	and	•			is	•		]
3	and	-			is	•		
4	and	-	Type the field code (e.g. F		is	•	Type the value or word you are looking for in	n t
5	and	-	PHARM.E)	CALID,	is	-	specified field. To view and select the content	
6	and	-			is	-	field use	
7	and	-			is	•	r	
8	and	-			is	-		
9	and	-			is	-		
10	and	-			is	-		
11	and	-			is	-	· •	
12	and	-		Cho	ose the relat	tion:	n:	
13		-		"is"	, "starts with	1", "(	"ends	
14	and	-		with	n", "contains	", "<	"<",	
15		-		"<=	", ">", ">="	', exi	xists"	
16	ar	-			is	-	·	
17	ar	<b>+</b>	L		is	•	·	
	connect the				is	-	· •	
r‴°p	proximity" "	not?""n	ear next		is	-	· · · · · · · · · · · · · · · · · · ·	
20					is	-	·	

The "Enlarge" Feature enables complex queries using multiple fileds from the Database.

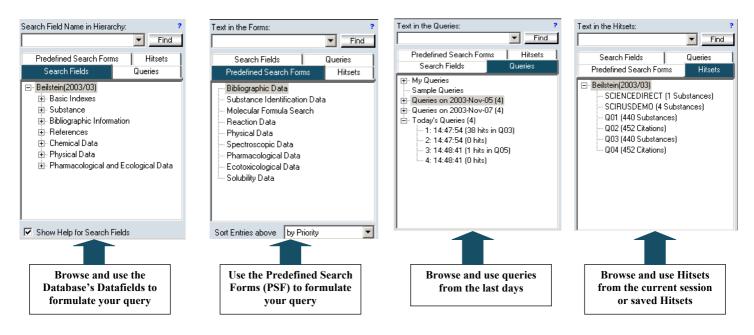
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### MDL CrossFire Commander 7.0

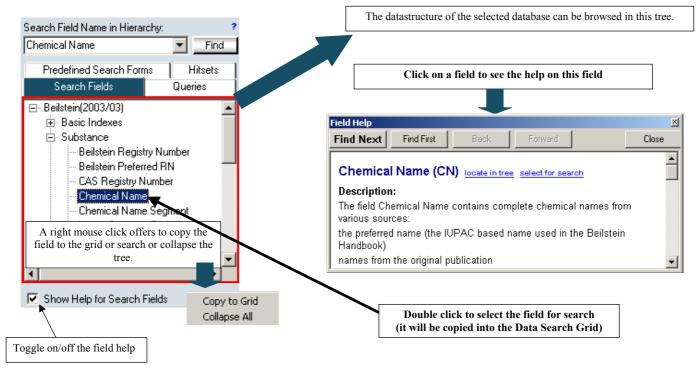
### 2.2.4 Using the tree

The tree on the left side of this Window has multiple functions and offers various options to work with Commander



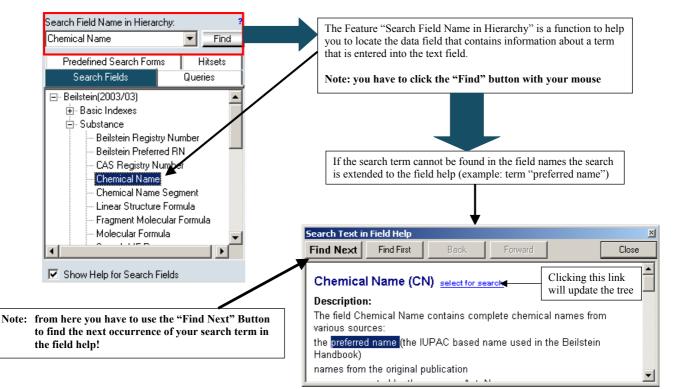


#### 2.2.4.1 Search Fields:



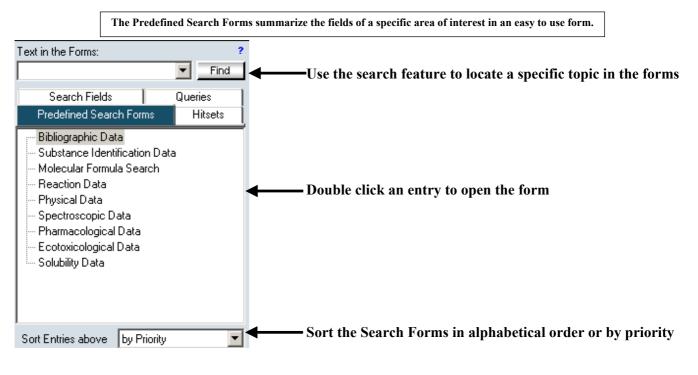
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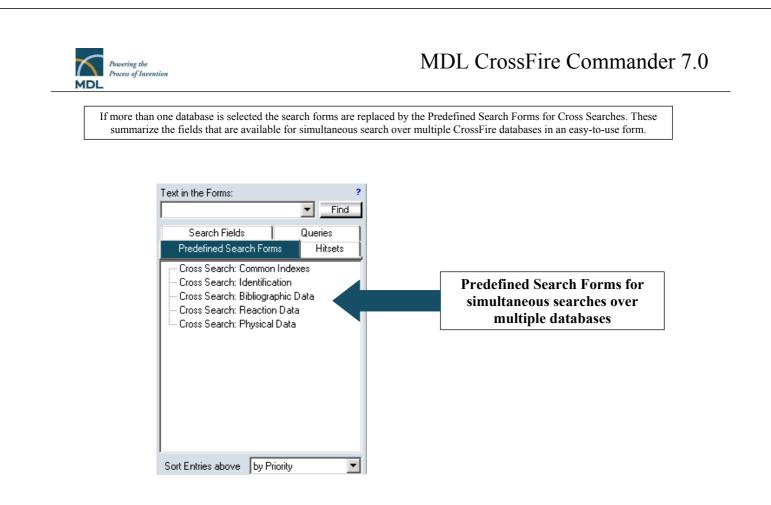




2.2.4.2 Predefined Search Forms (PSF)

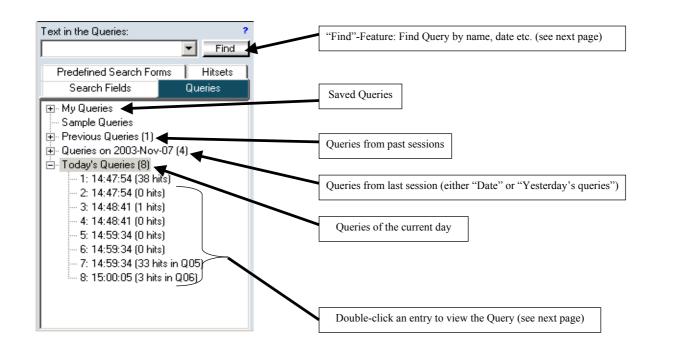


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2.2.4.3 Query History



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### MDL CrossFire Commander 7.0

Query Properties	Copy to Report		Close	
Query No. 8, Hits in Q06 Number of hits: Selected database: Execution: User defined query name:	3 Substances Beilstein(2002/11) 2003-Nov-10 15:00:05 CPU 0.29 st	ec		Query Information ("Find"-feature searches here)
Comment: total charge = 0, radicals = 0, cor closures, no isotopes, no IST	structure [original structure]			Comment field contains factual queries!
	$\geq$	Query Options:	-	Query Definition and Conditions
0	I			Click here to copy this query into the query builder
		Copy query to Qu Append hitset to Data S		Click here to use this query as search domain (refine results, subset search)



Text in the Hitsets:	?
	Find
Search Fields	Queries
Predefined Search Forms	Hitsets
<ul> <li>Beilstein(2003/03)</li> <li>SCIENCEDIRECT (1 Sut SCIENCEDIRECT (1 Sut CONTROLLING (4 Substances)</li> <li>Q01 (440 Substances)</li> <li>Q02 (452 Citations)</li> <li>Q03 (440 Substances)</li> <li>Q04 (452 Citations)</li> </ul>	,

Double-click an entry to use as search domain (refine results, subset search)

view the properties (see next page)

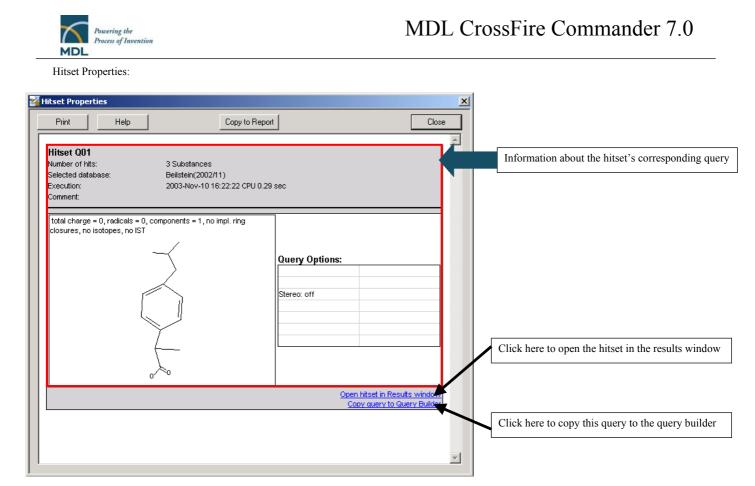
Right-click to

-



open the hitset in the results window
 collapse the tree (if there are hitsets from more than one database present)

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### 3 Search

#### 3.1 Start a search

Before a search is started it is critical to select the context of your search. A search in CrossFire Commander 7.0 can be done in one of three contexts :

Substance	Reactions	Citations
Choose this context if you have drawn a structure or if you are looking for data or properties of a compound	Choose this context if you have drawn a structure and selected "as product" or "as reactant", if you have drawn a reaction or if you are looking for data and properties of a reaction	
The context has to be defined on the qu	uery formulation page:	arch Context Substances  Substances Reactions Citations
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## MDL CrossFire Commander 7.0

At each start of a search MDL CrossFire Commander 7.0 compares the query with the selected context. If the query is unusual for the chosen context Commander will prompt you to verify or change the context:

The context of your query Recommended context:	is different from the context yo	⊥x ou selected. Search in Substances	Click here to s	search in the recommended context
Dr search in this context:	Substances Reactions Reactions Citations	Search in Reactions	Click here to s	search in a different context of your cho
Each search can be starte	ed in two ways: Press "F7"	F7 or click t	he "Start Search Button"	Start Search



run	ning - pre	ss Pause ki	ey to canc	el		1 sec	
D.	Select	Hits	Hitset	Database	Context	Query	Options
				Beilstein(2003/04) ning Search is highli	Substances	total charge = 0, radicals = 0, components = 1, no impl. ring closures, no isotopes, no IST	original structure
		not in		Beilstein(2003/04)	Citations	(BISUB=inflammatory* or BIPHARM=inflammatory*)" same structure and "BICIT=anti* and BICIT=inflammatory*"	original structure
		not run		Gmelin(2003/04) )	Substances	same structure and "BISUB=anti* and BISUB=inflammatory*"	original structure
		notkun	$\Lambda$	IGmelin(2003/04) I	Citations	same structure and "BICIT=anti* and BICIT=inflammatory*"	original structure
anc		Use cl	heckboxe	s to select a hitset for	view	Definition of each Query	To Report View
		ancel and	return to t	he Query Builder		Copy this Window to a report	View selected hitsets' Page 32 of 58



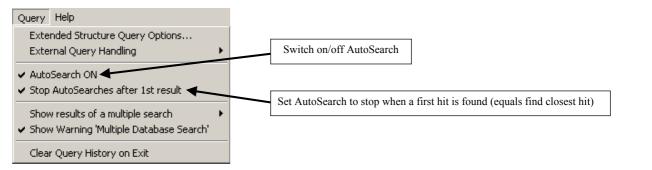
### MDL CrossFire Commander 7.0

When a search is finished the top of the Search Progress Window changes to allow browsing of the sessions's searches:

Multiple Database Searches	
Your recent search(es) had the following results:	Hitset Family (3 of 4): Previous Next
	Use these buttons to browse searches from the current se

AutoSearch

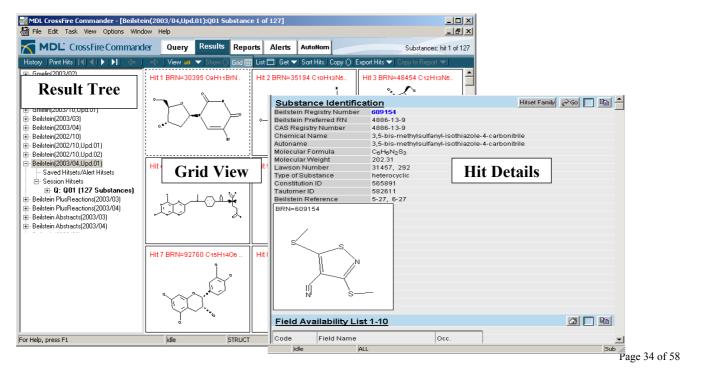
If "AutoSearch" is enabled Commander will refine a structure step by step to find the closest hit. "AutoSearch" can be enabled/disabled in the Menu "Query".





### 4 Results

#### 4.1 Overview

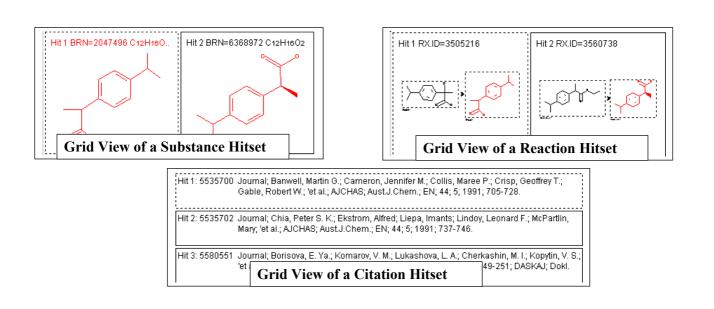




### MDL CrossFire Commander 7.0

#### 4.2 Grid View

The Grid View provides an overview over the structures, reactions or citations of a hitset



Double Click an Item in the Grid to see the hit details or use the buttons "Grid" and "List"

Grid III List 🔲 to switch between the Grid and the Hit Details



#### 4.3 Grouping and Sorting

A Hitset can be sorted and grouped by the values of selected fields. Select the Hitset in the tree and click the "Sort Hits" Button or right-click the hitset and select "Sort/Group"

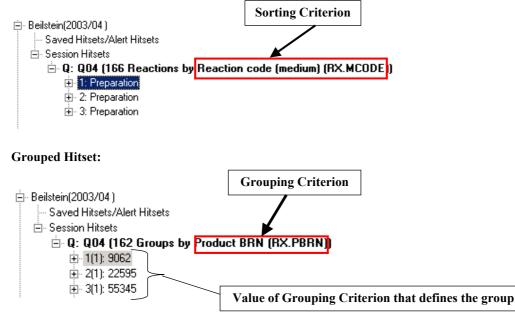


## MDL CrossFire Commander 7.0

ort or Group the Hitset	
Hitset:     Q03       Database:     Beilstein(2003/04)       Current Status:     unsorted	Display of current status: Hitset, Database and current status: "Unsorted", "sorted", "sorted,grouped"
Sort by      Group by     Ascending     Descending	Click here to select the action for the top level: "Sort by" or "Group by" Grouping is available on 1 <sup>st</sup> level only, subgrouping is not possible.
Then sort by  C Ascending  Descending  Then sort by	A grouped hitset can be sorted.
C Descending	







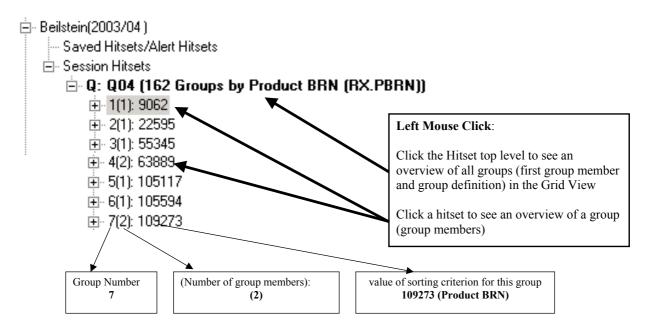
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MDL CrossFire Commander 7.0

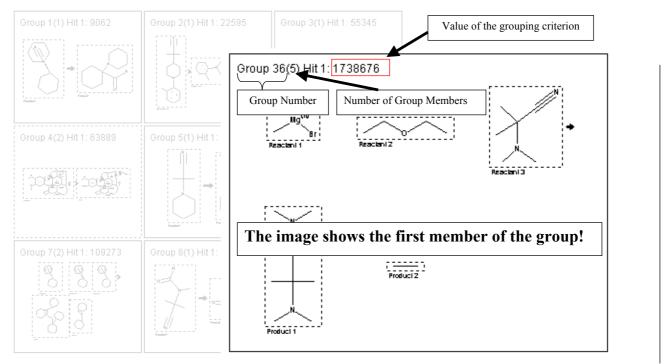
### 4.3.1 Working with a grouped hitset

- In the tree:

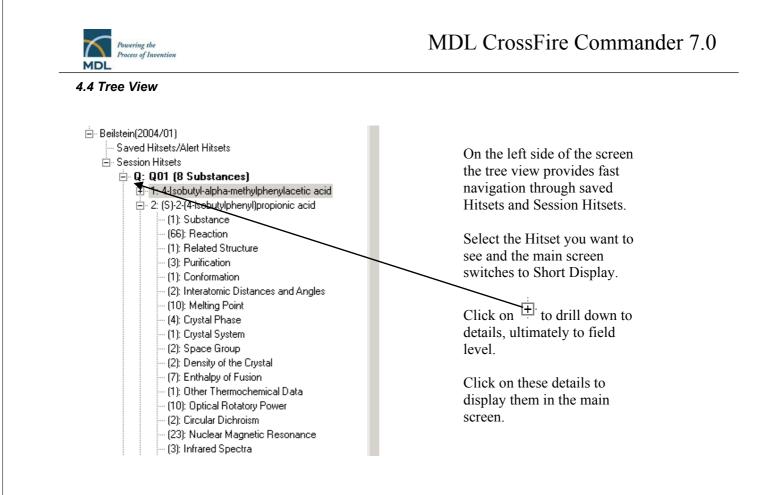




#### - in the grid view:



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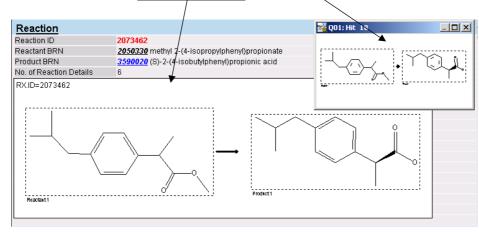




#### 4.5 Detail View

The detail view contains all data about a compound, citation or reaction that are available in the database.

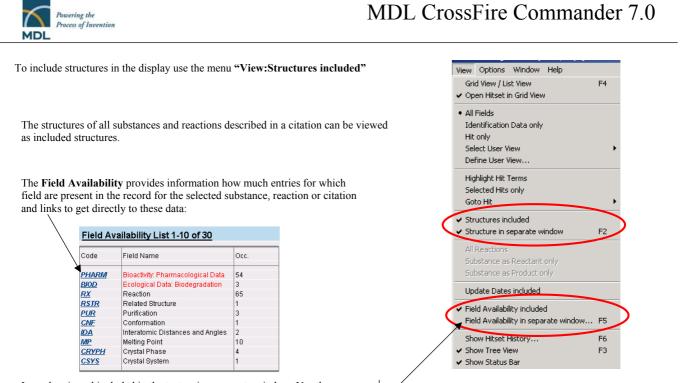
The structures contained in a substance or reaction hitset (the structure of the title compound in a substance hitset, the graphical display of the reaction in a reaction hitset) can be displayed included in the display and/or in a <u>separate window:</u>



The display in a separate window can be toggled on/off by pressing the function key F2 on the keyboard, by pressing the "Show()"-Button in the button bar

or using the menu "View:Structure in separate Window"

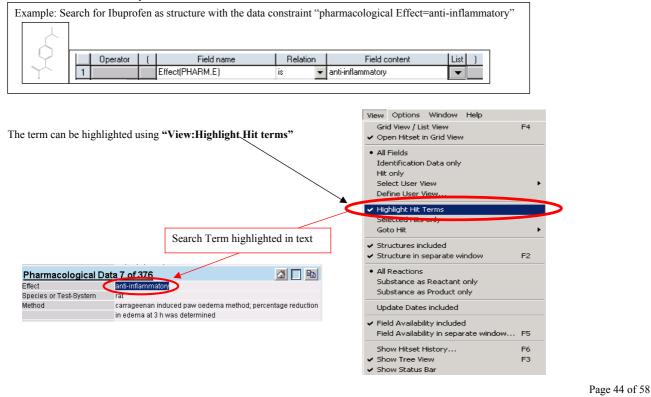
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It can be viewed included in the text or in a separate window. Use the menu "View:Field Availability included" to include it in the text. Press the function key F5 on the keyboard or select "View:Field Availability in separate window..." to toggle on/off the setting of your choice.



When conducting a factual search or a text search (combined with a structure or without) the findings for the search term in the hit can be used for better overview in two ways:





### MDL CrossFire Commander 7.0

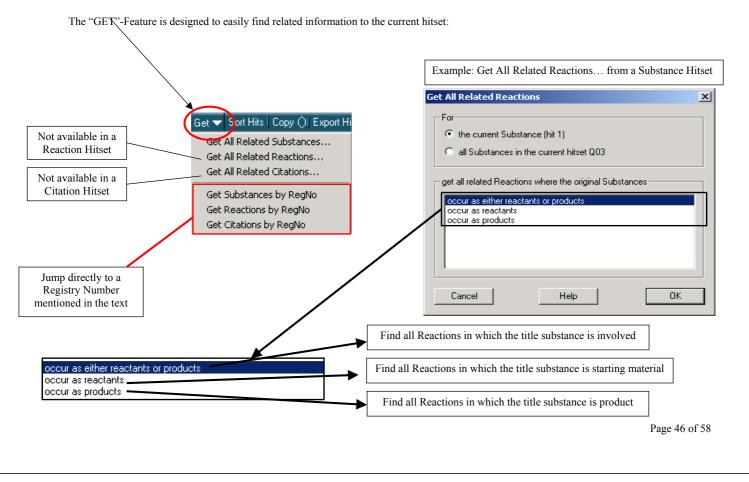
The display can be reduced to show the substance or reaction identification data and the fact that includes the search term only using **"View:Hit only"**.

	Vie	зw	Options	Window	Help		
		Grid	d View / Lis	t View		F4	
	✓ Open Hitset in Grid View						
	• • • • • • • • • • • • • • • • • • • •						
	All Fields Identification Data only						
1			only				_
		_	en Daer V				·
			ine User V				
	1	-	hlight Hit T				
			ected Hits :o Hit	only			
		GOU	:o Hit				
	Structures included						
	¥	Stri	ucture in s	eparate wi	indow	F2	
	All Reactions						
		Sub	ostance as	Reactant	only		
		Sub	ostance as	Product or	nly		
		Upv	date Dates	included			
		opt	Jace Dates	madeu			
	~	Fiel	ld Availabil	ity included	F		
		Fiel	ld Availabil	ity in sepai	rate window	F5	
		Sho	ow Hitset H	listory		F6	
	~		ow Tree Vie			F3	
	~	She	ow Status I	Bar			

Beilstein Registry Number	2049713
Beilstein Preferred RN	2019775 15687-27-1
CAS Registry Number	15687-27-1, 51146-56-6, 51146-57-7, 5
Chemical Name	4-Isobutyl-alpha-methylphenylacetic acid
	Benzeneacetic acid, alphamethyl-4-(2-r
	4-isobutyl-α-methylphenylacetic acid
	α-methyl-4-(2-methylpropyl)-benzeneace
	2-(4-isobutylphenyl)propionic acid
	ibuprofen
Autoname	2-(4-isobutyl-phenyl)-propionic acid
Molecular Formula	C <sub>13</sub> H <sub>18</sub> O <sub>2</sub>
Molecular Weight	206.28
Pharmacological Da	ata 6 of 376 📶 🗖 🖻
Effect	anti-inflammatory
Species or Test-System	Balb/c mouse
Sex	female
Route of Application	epicutaneous
<ind dosing<="" of="" td=""><td>topically on mouse ear at conc. of 1 percent; given 15 min after treatment with skin</td></ind>	topically on mouse ear at conc. of 1 percent; given 15 min after treatment with skin
	irritant
dethod	in vivo; mouse ear swelling test; ears of mice were treated with 2 percent DNCB; ear

Hit only







### MDL CrossFire Commander 7.0

5 Reporting and Exporting

#### 5.1 Reports

The reporting of selected information into a simple web-like form has been extended in CrossFire Commander 7. The items that can be reported are selected information from a hit display, Queries and Information about search results and progress.

Reporting selected Facts

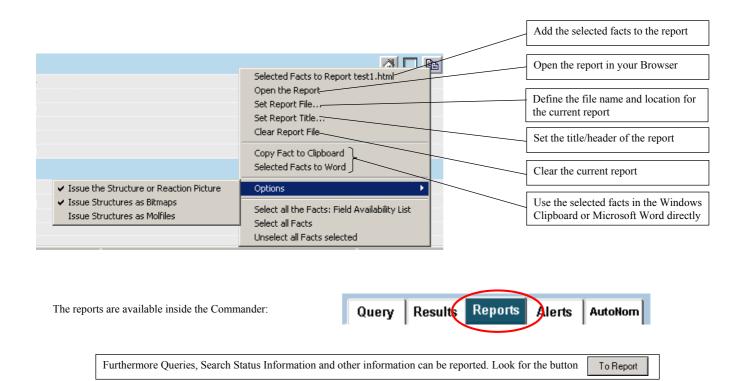
In the Full Display view, each field is equipped with a Title Bar on top that is used to select factual data

		Select Data for reporting by checking this box	
Reaction 1 of 2			
Reaction ID	<u>8713044</u>		
Reactant BRN	8687490 1-hydroxy-2,3-dihydro-1H-3,4a	a,5-triaza-fluoren-4-one	
Product BRN	8682045 3H-3,4a,5-triaza-fluoren-4-on	e	

Several facts can be selected separately and reported in one step, additional facts can be appended to an existing report as well.

Clicking on the 🗈 button or a right mouse click anywhere inside the fact opens a menu:





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#### 5.2 Exports

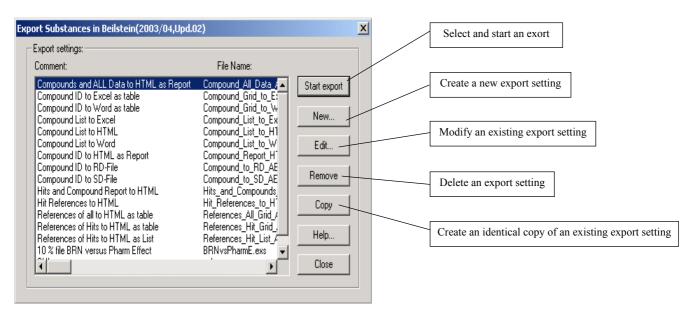
Hitsets and Hits can be exported to various targets. Clicking "Export Hits" in the button bar opens a menu with items depending on the context of the hitset:

) 🗍 View 📶 🥆 Show () Grid 🎛	List 🗖 Get 💙 Sort Hits   Copy () Export Hits 💙 Copy to Report 🔻
Export Settings in a Substance Context (including predefined settings)	Export Settings in a Citation Context (including predefined settings) Export Settings in a Reaction Context (including predefined settings)
Settings	Settings Settings
Compounds and ALL Data to HTML as Report Compound ID to Excel as table Compound ID to Word as table Compound List to Excel Compound List to HTML Compound List to Word Compound ID to HTML as Report	Citations and Compound ID to HTML as table       Reactions to HTML as Table         Citations and Compound ID to HTML as Report       Reactions to Excel         Procite/Endnote/Reference Manager       Reactions to Excel         Citations to Excel as table       Citations to HTML as table         Citations to HTML as table       Citations to HTML as Report
Compound ID to RD-File Compound ID to SD-File Hits and Compound Report to HTML Hit References to HTML References of all to HTML as table References of Hits to HTML as table References of Hits to HTML as List	Note: the export setting to Reference Manager Software creates a file that can be imported into a Reference Manager, not in its native Format!

If you want to create your own export setting or change an existing one please select "Settings..."



### 5.2.1 Creating/changing export settings



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### 5.2.2 Prepare an export setting

Set Program, Layout and Export - Define Format × Format of the export Define Export Format Start Select Program/File Format: Select Layout Set delimiters (Tabs, Blanks, Commas etc.) for an export to ASCII or to an œ List [Report] MS Word [as HTML file] C Table import file for a reference manager Define Format Browser [HTML] C Table C List [Report] using the select box: MS Excel [as HTML file] C Table Delimiters in an ASCII file **Define Content** × ASCII Delimiters for Table Format: for List Format Literature Management Syste is [Reference Delimiters.. Finish TABS -• Separato Manager, ProCite, EndNote, PFS BSD File [Beilstein Structure and Data Format --> Commander] BLANK LINE NONE Header/Trailer: SD File [Structure Data Format --> ISIS/Base] ΟK Cancel Help RD File [Reaction Data Format --> ISIS/Base] Program Starting Options Define behaviour of the target application: Start MS Word O No application started starts automatically when exporting, do not or Start: Browse start, or start in a different application New Export Settings: (not defined) Define Export Target -Define handling of the exported data: hand  $\sim$ over to application via Clipboard (no file is To File: <prompt user> Change Settings. created) or store in a file (name conventions can be defined using the "Change Settings" button) < Back Next> Cancel Help

After the first information screen a screen comes up which is used to select the format of the export:



Export - Define Content	Structures	]	Include image of the title compound or reaction. This is the one shown in the separate structure window of the detailed view
Define Format Define Content	Include images of referenced structures     Include images of referenced reactions		include images of the compounds or reactions hat are referenced in the data of the hit
<b>Finish</b>	Facts ✓ Facts View: simple.udf Not more than All  ✓ occurrences per fact Hit only		It is important that the "View" is defined. Please see next page
New Export Settings:	Incl. Field Availability       Image: Incl. References       Facts to:       (Image: Incl. References)       Facts to:       (Image: Incl. References)       Kack       Next >       Cancel		Please check if you want to include the Field Availability List and/or the List of References in the export

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### 5.2.3 Selecting a "View"

Powering the Process of Invention

It is important to define which data fields shall appear in an export. Click Select Facts to View... and "New" to define the fields for your export and select the fields from the datastructure.

Example: molecular weight and boiling points

Select Fields	×
Available Fields  Find	Selected Fields  Bemove All
Entry Date Update Date Database Structure Physical State Original Component System Single Component System Original State Original Component System Other Physical and Mechanical Prope Other Physical and Mechanical Prope	Beilstein(2003/04,Upd.02) Substance Identification Molecular Weight Physical Properties Single Component System Physical State Uiquids Boiling Point Boiling Point Double click the field or select the field and use the >>> button to add it to the view layout
Comment:	Cancel <u>H</u> elp OK



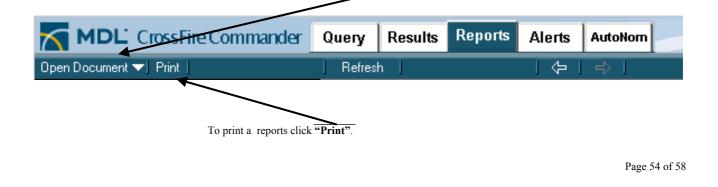
#### 5.3 The Report Pane

All reports are available in the first instance inside CrossFire Commander. This avoids any trouble with opening a report in the various Versions of Microsoft Office and Internet Explorer or other Browsers and the report can be viewed in a controlled environment. In addition all exports in html-format are available in the report pane.

To access the report pane click the Reports Tab:



For further use the reports can be viewed in the Browser or Microsoft Word. Click "Open Document" and select the target of your choice.





### MDL CrossFire Commander 7.0

MDL CrossFire Commander - [Reports - rep		
MDL' CrossFireCommander	Query Results Reports Alerts AutoNom	
Open Document 💙   Print	Refresh   🔰   🔿	
Find in Report/Export File: ? Find Find Find Find Find Find Find Find	Report:       Report Title         Beilstein Data:       Copyright (c) 1988-2003, Beilstein Institut zur Foerderung der Chemischen Wissenschaften licensed to Beilstein GmbH and MDL Information Systems GmbH. All rights reserved.         Substance Identification (Beilstein (2003/04,Upd.02):Substances:Q05 hit 1, BRN 2049713)	
Tree: select Report or Export to be displayed in the main display.	Beilstein Registry Number 2049713	
	Reilstein Preferred RM 15687-27-1 Main Display: Content of the selected Report or Export. All Hyperlinks are active	1
The currently active Report is displayed in bold	Main Display. Content of the selected Report of Export. An Hyperninks are active	
Right mouse click offers Settings	Chemical Name 4-IsobutyI-alpha-methylphenylacetic acid	
and Delete	Benzeneacetic acid, .alphamethyl-4-(2-methylpropyl)-	
Sort Entries above by Name	4-isobutyl-o-methylphenylacetic acid	•
For Help, press F1	idle	



#### 6 Alerts

MDL CrossFire Commander 7.0 offers an "Alert" feature (keep me posted feature). It is designed to retrieve results from a query that is run against the new data of an update.

To create an Alert first create a Query in the Query Builder. In the button bar than click "Create Alert"

MDL CrossFire Commander - [Query I		
🕌 File Edit Task View Options Quer	y Help	
MDL' CrossFire Command	er Query Results Reports Alerts AutoNom	
Query History   Open Query   Save Query	Print Query   Clear Query    Select Database    Draw Structure     Modify Aler   Create A	lert   Start Search
Search Field Name in Hierarchy: ?	Query Builder ? Search in: Beilstein(2003/04)	an Chara
Find     Find     Fredefined Search Forms     Hitsets	total charge = 0, radicals = 0, components = 1, no impl. ring closures, no isotopes,	hetero atoms
Search Fields Queries		earch: Allow:
B∽Beilstein(2003/04) ⊞-Basic Indexes		as structure i □ salts i as reactant □ addl.rings Create Alert
B-Substance		as product charges
		as catalyst/
- Chemical Data		as solvent relat. Markush
<ul> <li>B-Physical Data</li> <li>B-Pharmacological and Ecological Data</li> </ul>	°	Clear Structure Extended Options
	and Search All Text ?	Truncate Clear Text
	Search Term	<b>V</b>
	and Search Fields ?	dvanced Search Clear Table 🔻
		ield content
	1     Effect(PHARM.E)     is     ▼     anti*       2     and     ▼     is     ▼	
	3 and V is V	
	Search Context	Substances Start Search
Show Help for Search Fields		
For Help, press F1	idle	11.

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The query is then transferred into the Alert Window, where the Alert-Options must be set

MDL CrossFire Commander - [Alerts		
File View Help		
Profile Name, will appear in the	e Alert Tree Query Results Reports Alerts AutoNom	
Show all Profiles   Print Profile   Export Prof	ofile   Impc. Profile   Delete Profile   Deactivate Profile   Edit / Modify Query   Clear   Save Profile	
Find Alert (Search in Profile text): ?	Alert Profite untitled - enter name [at most 14 letters, digits, underscores] (Alert hitsets see "Resu	ilts'')
Find     Find	Query Search Context: Substances 🔽	4
⊟- Beilstein L- test	total charge = 0, radicals = 0, components = 1, no impl. ring closures, no isotopes, no IST	
	Stereo: off	
Alert Tree	Alert Query Definition	
	Text Search	
	and Text Search: search term Automatic truncation right	
	Data Search	
	and Effect(PHARM.E) is anti*	
		~
	Database: Beilstein Frequency: After each update	-
	First run [date]: Today III Last run: Alert Options Hits [last run]: Sh	ow
	Send results to: Enter your own E-mail address [Youl]	-
	Send a copy to: Enter further E-mail addresses [and/or existing alert E-mail lists] separated by semicolons	-
J	Comment: Save Prof	ile
Sort Entries above by Name		
For Help, press E1	idle	

