

**toxplanet**

by **enhesa.**

**TUTORIAL**

**EXPERTIndex™**

**“Contains” Searching**

The **EXPERTIndex™** is ToxPlanet's proprietary index feature. Containing more than 1 million unique substances, and with nearly 5 million terms and synonyms, it is an extremely powerful and efficient tool for chemical searching.

When a search is conducted via the **EXPERTIndex**, results are consistent regardless of which synonym or chemical identifier is used. This yields a more fine-tuned search and results that are 100% relevant.

The **EXPERTIndex** has two different search modes (**Starts With** and **Contains**), and in this tutorial we will look at how to conduct a “**Contains**” search.

toxplanet  
by enhesa.

Dashboard

Search History

Document History

ListEXPERT™ Lists

Support

Report an Issue

Search Tips

Search

05/15/2023  
Today's Date

5  
My YTD Logins

6  
My YTD Searches

MY SEARCHES BY DATABASE

Database search information not yet available.

DATABASES IN MY SUBSCRIPTION

- ✓ ChemEXPERT™
- ✓ REACH Registrations
- ✓ BotanyEXPERT™
- ✓ TSCATS Complete™
- ✓ PubMed®
- ✓ ReproEXPERT™
- ✓ C & L Inventory
- ✓ TOXLINE® Special
- ✓ MSDSONline®
- ✓ ListEXPERT™
- ✓ DrugEXPERT™
- ✓ ECIS
- ✓ Similar Compounds

1,320  
Collections in ToxPlanet

10,866,825

The **EXPERTIndex™** search tool is available near the top of your screen. Click the dropdown icon to view all Search functions.

The screenshot displays the ToxPlanet search interface. At the top left is the 'toxplanet by enhesa.' logo. A dark sidebar on the left contains navigation links: Dashboard, Search History, Document History, ListEXPERT™ Lists, Support, Report an Issue, and Search Tips. The main content area features a search bar with 'butan' entered. Below the search bar are three buttons: 'Starts With Search', 'Contains Search' (highlighted with a red box and an arrow), and 'Clear'. Above the search bar are tabs for 'EXPERTIndex™', 'Full Text', and 'Advanced'. Below the search bar are three summary cards: '06/05/2023 Today's Date', '17 My YTD Logins', and '18 My YTD Searches'. The 'MY SEARCHES BY DATABASE' section shows a pie chart with two segments: a blue segment for 'TSCATS Complete™' and a brown segment for 'MSDSonline®'. The 'DATABASES IN MY SUBSCRIPTION' section lists various databases with checkmarks: ChemEXPERT™, REACH Registrations, BotanyEXPERT™, TSCATS Complete™, PubMed®, ReproEXPERT™, C & L Inventory, TOXLINE® Special, MSDSonline®, ListEXPERT™, DrugEXPERT™, ECIS, and Similar Compounds. At the bottom right, two summary cards show '1,320 Collections in ToxPlanet' and '10,827,201 Documents in ToxPlanet'.

Enter the word or phrase you'd like to search, then click on the **Contains** button to execute the search.

toxplanet  
by enhesa.

Dashboard  
Search History  
Document History  
ListEXPERT™ Lists  
Support  
Report an Issue  
Search Tips

Search

EXPERTIndex™ Full Text Advanced

butan

Starts With Search Contains Search Clear

« 1 2 3 4 ... 1000 » Go I= I= 10 30 50

Chemical Name I=	Chemical Identifier	Chemical Formula
ethyl N,S-bis(4-oxo-4-(2,6,6-trimethylcyclohex-3-en-1-yl)butan-2-yl)cysteinate	2173997-41-4	C31H51NO4S
( R )-butan-2-ol	14898-79-4	C4H10O
= (R)-3-amino-1-(3-(trifluoromethyl)-5,6-dihydro-[1,2,4]triazolo[4,3-a]pyrazin-7(8H)-yl)-4-(2,4,5-trifluorophenyl)butan-1-one hydrochloride	486459-71-6	C16H16ClF6N5O
( S )-butan-2-ol	4221-99-2	C4-H10-O
* (S)-tetrahydrofuran-3-yl(2S,3R)-4-(N-isobutyl-4-nitrophenyl sulfonamido)-1-phenyl-3-(phosphonoxy)butan-2-yl-carbamate	229495-87-8	Unspecified
(+/-)-1,2-Bis-(4-hydroxy-phenyl)-2-methyl-butane	SVTOZBWTNXWWDH-UHFFFAOYSA-N	C17H20O2
(+/-)-1,3-Butanediol 1-monopropionate	37482-81-8	Unspecified
(+/-)-1,3-Butanediol, 3-propanoate	89457-40-9	Unspecified
(+/-)-2,3-Dibromo-1,4-butanediol	1947-58-6	C4-H8-Br2-O2
(+/-)-2,3-Dimethyl-2,3-bis(2-methylpropyl)butanedinitrile	ZSQZMKLXZYSHCK-ZIAGYGMSSA-N	C14H24N2

« 1 2 3 4 ... 1000 » Go I= I= 10 30 50

The search returns a tabular list of chemical terms based on the established search criteria. In this example, the list includes all terms in the index which contain “*butan*”. In addition to **Chemical Name**, this display also provides **Chemical Identifier** and **Chemical Formula** information, as well as the number of rows and pages in the results list.

toxplanet by enhesa.

Search

EXPERTIndex™ Full Text Advanced

butan

Starts With Search Contains Search Clear

« 1 2 3 4 ... 1000 » 776 Go I= I= 10 30 50

Chemical Name I=	Chemical Identifier	Chemical Formula
ethyl N,S-bis(4-oxo-4-(2,6,6-trimethylcyclohex-3-en-1-yl)butan-2-yl)cysteinate	2173997-41-4	C31H51NO4S
( R )-butan-2-ol	14898-79-4	C4H10O
= (R)-3-amino-1-(3-(trifluoromethyl)-5,6-dihydro-[1,2,4]triazolo[4,3-a]pyrazin-7(8H)-yl)-4-(2,4,5-trifluorophenyl)butan-1-one hydrochloride	486459-71-6	C16H16ClF6N5O
( S )-butan-2-ol	4221-99-2	C4-H10-O
* (S)-tetrahydrofuran-3-yl(2S,3R)-4-(N-isobutyl-4-nitrophenyl sulfonamido)-1-phenyl-3-(phosphonoxy)butan-2-yl-carbamate	229495-87-8	Unspecified
(+/-)-1,2-Bis-(4-hydroxy-phenyl)-2-methyl-butane	SVTOZBWTNXWWDH-UHFFFAOYSA-N	C17H20O2
(+/-)-1,3-Butanediol 1-monopropionate	37482-81-8	Unspecified
(+/-)-1,3-Butanediol, 3-propanoate	89457-40-9	Unspecified
(+/-)-2,3-Dibromo-1,4-butanediol	1947-58-6	C4-H8-Br2-O2
(+/-)-2,3-Dimethyl-2,3-bis(2-methylpropyl)butanedinitrile	ZSQZMKLXYSHCK-ZIAGYGMSSA-N	C14H24N2

« 1 2 3 4 ... 1000 » 776 Go I= I= 10 30 50

Enter a page number and press return or click Go

You can navigate the results pages using either the paging arrows or the **Go To Page** box.

toxplanet  
by enhesa.

Dashboard  
Search History  
Document History  
ListEXPERT™ Lists  
Support  
Report an Issue  
Search Tips

Search

EXPERTIndex™ Full Text Advanced

butan

Starts With Search Contains Search Clear

« 1 2 3 4 ... 1000 » 776 Go I= I= 10 30 50

Chemical Name I=	Chemical Identifier	Chemical Formula
ethyl N,S-bis(4-oxo-4-(2,6,6-trimethylcyclohex-3-en-1-yl)butan-2-yl)cysteinate	2173997-41-4	C31H51NO4S
( R )-butan-2-ol	14898-79-4	C4H10O
= (R)-3-amino-1-(3-(trifluoromethyl)-5,6-dihydro-[1,2,4]triazolo[4,3-a]pyrazin-7(8H)-yl)-4-(2,4,5-trifluorophenyl)butan-1-one hydrochloride	486459-71-6	C16H16ClF6N5O
( S )-butan-2-ol	4221-99-2	C4-H10-O
* (S)-tetrahydrofuran-3-yl(2S,3R)-4-(N-isobutyl-4-nitrophenyl sulfonamido)-1-phenyl-3-(phosphonoxy)butan-2-yl-carbamate	229495-87-8	Unspecified
(+/-)-1,2-Bis-(4-hydroxy-phenyl)-2-methyl-butane	SVTOZBWTNXWWDH-UHFFFAOYSA-N	C17H20O2
(+/-)-1,3-Butanediol 1-monopropionate	37482-81-8	Unspecified
(+/-)-1,3-Butanediol, 3-propanoate	89457-40-9	Unspecified
(+/-)-2,3-Dibromo-1,4-butanediol	1947-58-6	C4-H8-Br2-O2
(+/-)-2,3-Dimethyl-2,3-bis(2-methylpropyl)butanedinitrile	ZSQZMKLXZYSHCK-ZIAGYGMSSA-N	C14H24N2

« 1 2 3 4 ... 1000 » 776 Go I= I= 10 30 50

Print Current Page

You can print results by using either the **Print Current Page** or **Print All Results**. From the print window, you will also can save these results as a PDF. To access the **Print Settings** menu, click on the gear icon next to the printer icons.

toxplanet by enhesa.

Search

EXPERTIndex™ Full Text Advanced

butan

Starts With Search Contains Search Clear

« 1 2 3 4 ... 1000 » 776 Go I= I= 10 30 50

Chemical Name I=	Chemical Identifier	Chemical Formula
ethyl N,S-bis(4-oxo-4-(2,6,6-trimethylcyclohex-3-en-1-yl)butan-2-yl)cysteinate	2173997-41-4	C31H51NO4S
(R)-butan-2-ol	14898-79-4	C4H10O
= (R)-3-amino-1-(3-(trifluoromethyl)-5,6-dihydro-[1,2,4]triazolo[4,3-a]pyrazin-7(8H)-yl)-4-(2,4,5-trifluorophenyl)butan-1-one hydrochloride	486459-71-6	C16H16ClF6N5O
(S)-butan-2-ol	4221-99-2	C4-H10-O
* (S)-tetrahydrofuran-3-yl(2S,3R)-4-(N-isobutyl-4-nitrophenyl sulfonamido)-1-phenyl-3-(phosphonoxy)butan-2-yl-carbamate	229495-87-8	Unspecified
(+/-)-1,2-Bis-(4-hydroxy-phenyl)-2-methyl-butane	SVTOZBWTNXWWDH-UHFFFAOYSA-N	C17H20O2
(+/-)-1,3-Butanediol 1-monopropionate	37482-81-8	Unspecified
(+/-)-1,3-Butanediol, 3-propanoate	89457-40-9	Unspecified
(+/-)-2,3-Dibromo-1,4-butanediol	1947-58-6	C4-H8-Br2-O2
(+/-)-2,3-Dimethyl-2,3-bis(2-methylpropyl)butanedinitrile	ZSQZMKLXZYSHCK-ZIAGYGMSSA-N	C14H24N2

« 1 2 3 4 ... 1000 » 776 Go I= I= 10 30 50

javascript:void(0)

Select the Chemical Substance for which you would like to find additional information.

toxplanet by enhesa.

EXPERTIndex™ Full Text Advanced

butan Starts With Search Contains Search Clear

Chemical Identity ChemEXPERT™ ReproEXPERT™ ListEXPERT™ REACH Registrations C & L Inventory DrugEXPERT™ BotanyEXPERT™ TOXLINE® Special ECIS TSCATS Complete™

MSDSonline® Similar Compounds PubMed® MyEXPERT™

**Name of Substance**  
(2R)-butan-2-ol

**CAS Registry Number**  
14898-79-4

**Chemical Formula**  
C<sub>4</sub>H<sub>10</sub>O; C<sub>4</sub>-H<sub>10</sub>-O

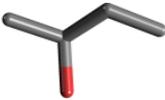
**Molecular Weight**  
74.12 g/mol

**SMILES**  
CCC(C)O; CC[C@H](C)O

**Other Valid Identifiers**  
PubChem Compound Id: 84682  
InChIKey: BTANRVKQNVYAZ-SCSAIBSYSAN  
European Inventory of Existing Commercial Chemical Substances: 238-967-8

**Synonyms**  
(R)-butan-2-ol; (R)-(-)-2-Butanol; (R)-Butan-2-ol; 2-Butanol, (-)-; 2-Butanol, (2R)-; 2-Butanol, (R)-; DLH38K423J; DLH38K423J (UNII); DTXSID30904709; EINECS 238-967-8; UNII-DLH38K423J; Sec-Butyl alcohol, (R)-(-)-

**Chemical Structures**



2D | Crystal | SDF

Source: PubChem

**GHS Classifications**



Flammable Irritant  
more...

Source: PubChem

Source: ToxPlanet

Chemical and Physical Properties  
Spectral Information

After selecting a Chemical Substance, the system retrieves its **Chemical Identity** page. Selected information about the substance is displayed, including structural identifiers, synonyms, classification codes, chemical and physical properties, structural representations, and more. View full-text documents on the substance by clicking on the respective Product Tabs (**ChemEXPERT**, **ReproEXPERT**, etc.).

For more information, visit our website  
[www.toxplanet.com](http://www.toxplanet.com)



[www.toxplanet.com](http://www.toxplanet.com)  
[enhesa.com](http://enhesa.com)