

**toxplanet**

by **enhesa.**

**TUTORIAL**

**EXPERTIndex™**

**“Starts With” 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 “**Starts With**” search.

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Search

05/15/2023  
Today's Date

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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.

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Search

EXPERTIndex™ Full Text Advanced

butan Starts With Search Contains Search Clear

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- ✓ Similar Compounds

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

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Search

EXPERTIndex™ Full Text Advanced

butan

Starts With Search Contains Search Clear

« 1 2 3 4 ... 1000 » Go 10 30 50

Chemical Name	Chemical Identifier	Chemical Formula
Butan	106-97-8	C4H10
Butan - 1 - ol	71-36-3	C4H10O
Butan - 2 - ol	78-92-2	C4H10O
Butan- 1- ol	71-36-3	C4H10O
Butan-1-(15O)ol	LRHPLDYGYMQRHN-SFIIULIVSA-N	C4H10O
Butan-1-[2H]ol	4712-38-3	C4H10O
Butan-1-(2H)ol	4712-38-3	C4H10O
Butan-1,3-diol, 4-[isopropylamino]-1-[1-naphthyl]-	PWRGIUZZTNTACJ-UHFFFAOYSA-N	C17H23NO2
Butan-1,4-diacid, 1-amide-3-[(fluoren-9-yl-methoxy)carbonylamino]-,	MHYDXUVSGKXLFX-UHFFFAOYSA-N	C20H20N2O5
Butan-1,4-diol	110-63-4	C4H10O2

« 1 2 3 4 ... 1000 » Go 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 start with “*butan*”. In addition to **Chemical Name**, this display also provides **Chemical Number** and **Chemical Formula** information, as well as the number of rows and pages in the results list.

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Search

EXPERTIndex™ Full Text Advanced

butan Starts With Search Contains Search Clear

« 1 2 3 4 ... 1000 » 776 Go 10 30 50

Chemical Name	Chemical Identifier	Chemical Formula
Butan	106-97-8	C4H10
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Butan-1,4-diacid, 1-amide-3-[(fluoren-9-yl-methoxy)carbonylamino]-,	MHYDXUVSGKXLFEX-UHFFFAOYSA-N	C20H20N2O5
Butan-1,4-diol		C4H10O2

« 1 2 3 4 ... 1000 » 776 Go 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.

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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
Butan	106-97-8	C4H10
Butan - 1 - ol	71-36-3	C4H10O
Butan - 2 - ol	78-92-2	C4H10O
Butan- 1- ol	71-36-3	C4H10O
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Butan-1,4-diacid, 1-amide-3-[(fluoren-9-yl-methoxy)carbonylamino]-,	MHYDXUVSGKXLFX-UHFFFAOYSA-N	C20H20N2O5
Butan-1,4-diol	110-63-4	C4H10O2

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

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.

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Search

EXPERTIndex™ Full Text Advanced

butan

Starts With Search Contains Search Clear

« 1 2 3 4 ... 1000 » 776 Go 10 30 50

Chemical Name	Chemical Identifier	Chemical Formula
Butan	106-97-8	C4H10
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Butan-1,4-diacid, 1-amide-3-[(fluoren-9-yl-methoxy)carbonylamino]-,	MHYDXUVSGKXLFEX-UHFFFAOYSA-N	C20H20N2O5
Butan-1,4-diol	110-63-4	C4H10O2

« 1 2 3 4 ... 1000 » 776 Go 10 30 50

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



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

**Name of Substance**  
Butane-1,4-diol

**CAS Registry Number**  
110-63-4


**Chemical Formula**  
C4H10O2


**Molecular Weight**  
90.12 g/mol


**SMILES**  
C(CCO)CO

**Other Valid Identifiers**  
PubChem Compound Id: 8064  
InChIKey: WERYXYBDKMZEQL-UHFFFAOYSA-N  
European Inventory of Existing Commercial Chemical Substances: 203-786-5

**Synonyms**  
1 4-Butylene glycol; 1 4-Dihydroxybutane; 1 4-Tetramethylene glycol; 1 4BD; 1,4-BD; 1,4-BUTANEDIOL [HSDB]; 1,4-BUTANEDIOL [INCI]; 1,4-BUTANEDIOL [MI]; 1,4-Butanediol; 1,4-Butylene glycol; 1,4-Dihydroxybutano; 1,4-Dihydroxybutane; 1,4-Tetramethylene glycol; 1,4-butanediol; 1,4-butylenglicol; 1,4-glicol tetrametileno; 14-Butylene glycol; 14-Dihydroxybutane; 4-01-00-02515 (Beilstein Handbook Reference); 7XOO2LE6G3; 7XOO2LE6G3 (UNII); AI3-07553; Agrisynth B1D; BDO (CHRIS Code); BRN 1633445; Butan-1,4-diol; Butanediol; Butanediol (1,4-); Butanediol, 1,4-; (1,4-Tetramethylene glycol; TMA); Butylene glycol; C(CO)CCO; C4-H10-O2; CCRIS 5984; DIOL 14B; DTXSID2024666; Dabco DBO; EC 203-786-5; EINECS 203-786-5; HSDB 1112; NA2346; NSC 406696; NSC-406696; POLYESTER OF 1,4-BUTANEDIOL; Polycure D; Sucol B; Tetramethylene 1 4-diol; Tetramethylene 1,4-diol; Tetramethylene glycol; UNII-7XOO2LE6G3; Vibracure A 250; ZM 0025; Butylenglicol; Glicol tetrametileno; Tetrametileno 1,4-diol

**Chemical Structures**  
  
2D | Crystal | SDF

**NFPA Ratings**  
  
NFPA Health Rating: 1 - Materials that, under emergency conditions, can cause significant irritation.  
NFPA Fire Rating: 1 - Materials that must be preheated before ignition can occur. Materials require considerable preheating, under all ambient temperature conditions, before ignition and combustion can occur.  
NFPA Instability Rating: 0 - Materials that in themselves are normally stable, even under fire conditions.  
*more...* Source: Hazardous Substances Data Bank (HSDB)

**GHS Classifications**  
  
Irritant  
*more...* Source: PubChem

Compound Descriptors (RTECS®)

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)



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