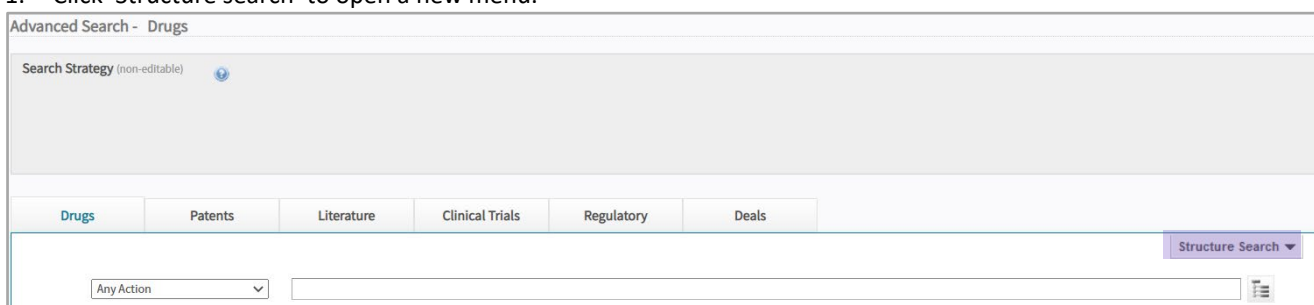


Cortellis Competitive Intelligence

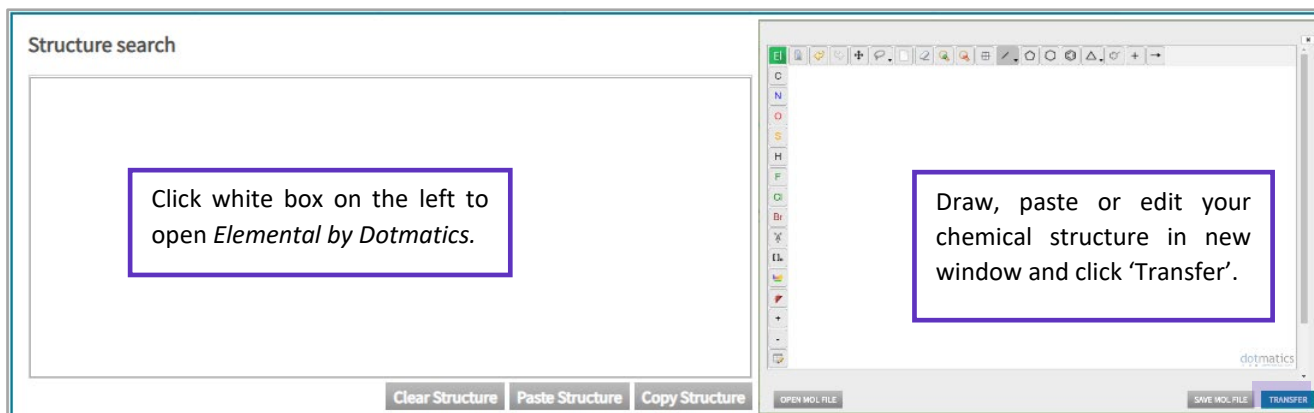
Structure Search in Cortellis

Structure Search is available from Quick Search as well as drugs, patents and literature forms in Advanced Search. This guide provides instructions on how to find drugs according to their chemical structure in Cortellis Advanced Search.

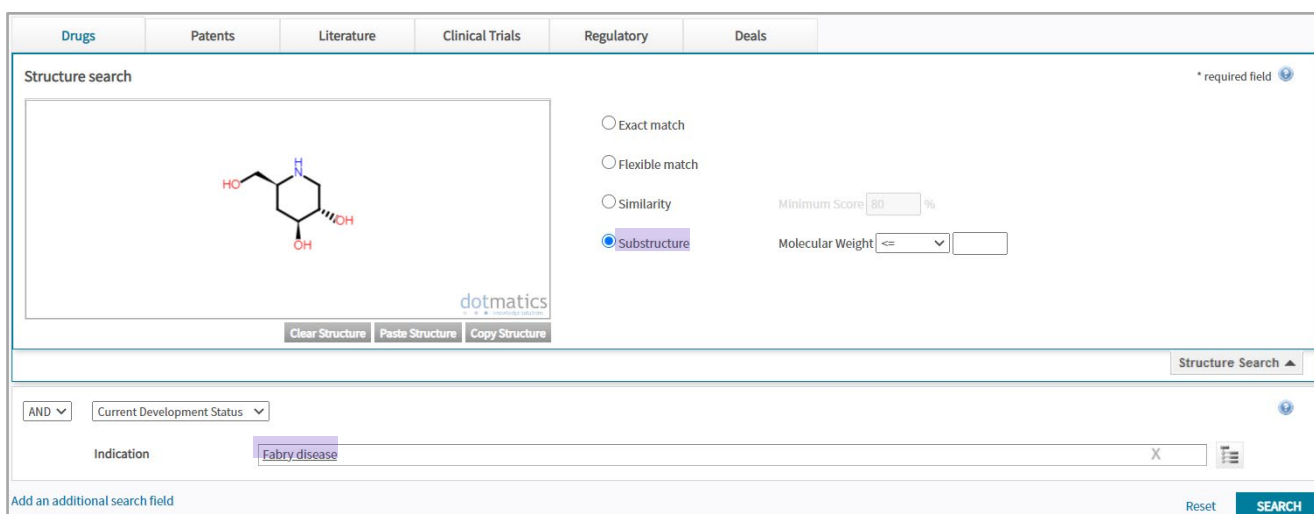
1. Click 'Structure search' to open a new menu.



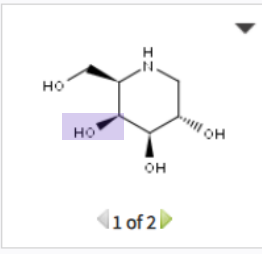
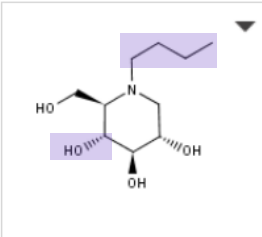
2. Structures can be transferred from reports and results tables in Cortellis, imported and drawn with *Elemental*.



3. Select type of structure search, add additional fields to narrow down results and click 'Search' at the bottom right.



4. 'Hit structure' are displayed as a second column in results table. Substructure search will find drugs with same chirality and isomerism as in the original structure although these may have additional substituents, as indicated next.

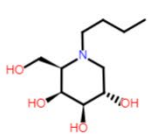
Drug Name	Hit Structure	Originator Company	Active Companies	Highest Status
migalastat		Mount Sinai School of Medicine	Amicus Therapeutics Inc	Launched
miglustat		GD Searle & Co	Johnson & Johnson; Teva Pharmaceutical Industries Ltd	Launched

Example:

The next search will find drugs with similar chemical structures which means they may have other substituents, different chirality and/or different isomerism compared to the original structure.

Drugs Patents Literature Clinical Trials Regulatory Deals

Structure search * required field



Chiral

dotmatics

Clear Structure Paste Structure Copy Structure

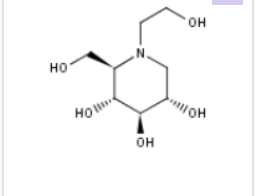
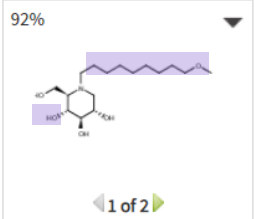
Exact match
 Flexible match
 Similarity
 Substructure

Minimum Score: %

Molecular Weight: -

Structure Search

When running 'Similarity' search results table will automatically display percentage of similarity in the Hit Structure column.

Drug Name	Hit Structure	Originator Company	Active Companies	Active Indications
miglitol	91% 	Bayer AG	Pfizer Inc; Sanofi (pre-1999); Sanofi SA; Sanofi-Synthelabo; Sanwa Kagaku Kenkyusho Co	Non-insulin dependent diabetes
EBI-001	92% 	University of Oxford	Emergent BioSolutions Inc	Viral infection

Structure can be saved, exported and transferred to other search forms in Cortellis by clicking the button at the top right.

For more information contact Customer Service at **LS Product Support**