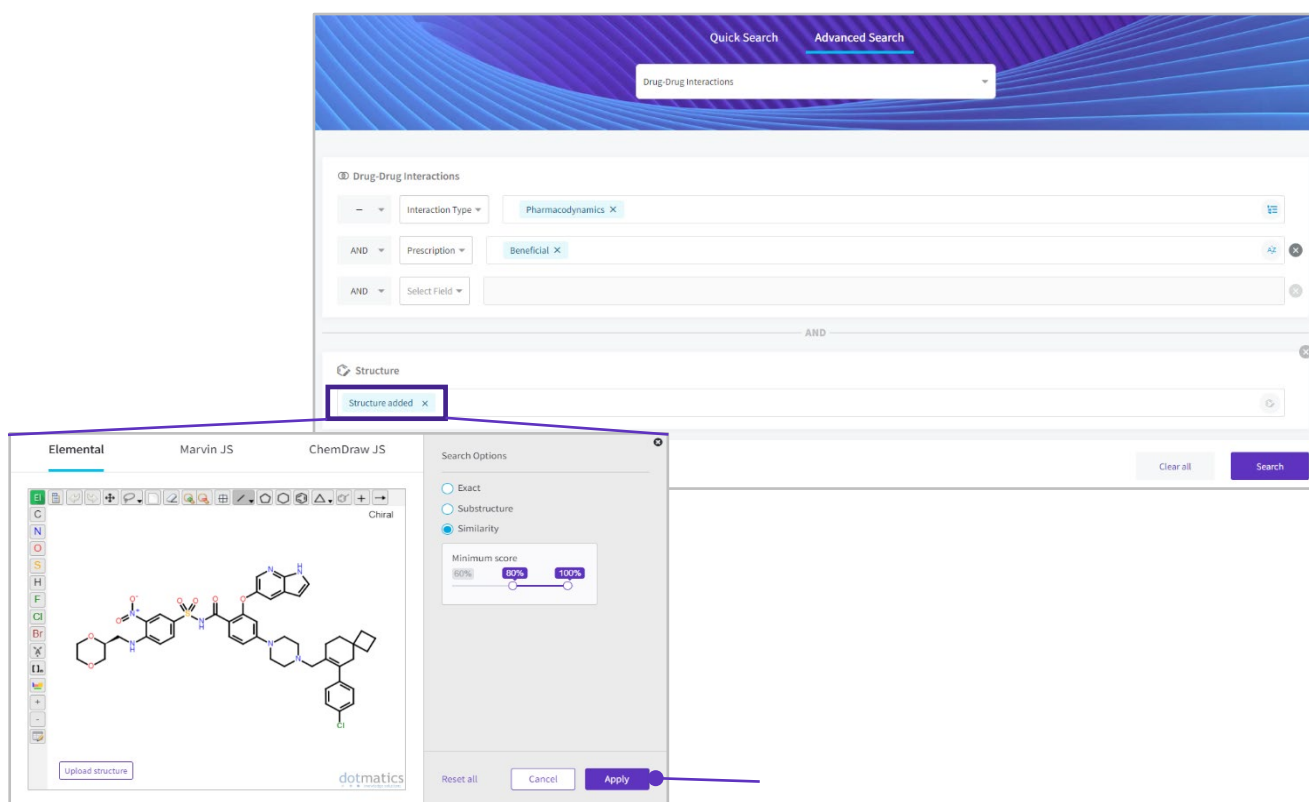


Use beneficial drug-drug interactions to find potential new combinations with your drug.

Cortellis Drug Discovery Intelligence

In this guide you'll learn how to find possible beneficial drug-drug interactions for your drug. Use case: you are developing a new small molecule and want to see what are the known interactions which improve drug efficacy for similar structures.

1. Go to **Advanced Search** and, within the Drug -Drug Interaction knowledge area, search by Interaction type (**Pharmacodynamics**), Prescription (**Beneficial**) and your Structure (e.g. similarity 80%).



The screenshot displays the Cortellis Drug Discovery Intelligence interface. At the top, there are tabs for 'Quick Search' and 'Advanced Search'. Below these, a dropdown menu is set to 'Drug-Drug Interactions'. The main search area is divided into two sections: 'Drug-Drug Interactions' and 'Structure'. In the 'Drug-Drug Interactions' section, the 'Interaction Type' is set to 'Pharmacodynamics', and the 'Prescription' is set to 'Beneficial'. In the 'Structure' section, a 'Structure added' notification is visible. Below the search area, there is a 'Search Options' panel with radio buttons for 'Exact', 'Substructure', and 'Similarity'. The 'Similarity' option is selected, and the 'Minimum score' is set to 80%. The 'Apply' button is highlighted with a blue arrow.

- The results page will show you a list of beneficial pharmacodynamic interactions that have been described for compounds similar to yours. This can give you ideas on how to design your clinical studies to potentiate your drug's efficacy.

Drug-Drug Interactions

Sorted by relevance

Showing 1-18 of 18 Drug-Drug Interactions records for Prescription: Beneficial AND "Structure Search"

<input type="checkbox"/>	Evaluated Entity	Interacting Entity	Interaction Type	Outcome	Prescription	Population / Study Model
<input type="checkbox"/>	Ibrutinib	Venetoclax	Pharmacodynamics	Pharmacodynamics	Beneficial	Humans/Chronic lymphocytic leukemia
<input type="checkbox"/>	Venetoclax	Ibrutinib	Pharmacodynamics	Pharmacodynamics	Beneficial	Humans/Chronic lymphocytic leukemia
<input type="checkbox"/>	Venetoclax	Ibrutinib	Pharmacodynamics	Pharmacodynamics	Beneficial	Humans/Acute lymphocytic leukemia
<input type="checkbox"/>	Venetoclax	IACS-10759	Pharmacodynamics	Pharmacodynamics	Beneficial	Mice/Acute myeloid leukemia
<input type="checkbox"/>	Venetoclax	Ibrutinib	Pharmacodynamics	Pharmacodynamics	Beneficial	Humans/Myelodysplasia
<input type="checkbox"/>	ONC-213	Venetoclax	Pharmacodynamics	Pharmacodynamics	Beneficial	Mice/Acute myeloid leukemia

Beneficial **Interaction Types** can either improve the **efficacy** of the drug (Pharmacodynamics) or the **bioavailability** of the drug (Pharmacokinetics).

For more information contact Customer Service at [LS Product Support](#)