

Product Datasheet

YHO-13177 (orb1302725)

Catalog Number	orb1302725
Category	Small Molecules
Description	YHO-13177 is a potent and selective BCRP inhibitor that enhances SN-38 cytotoxicity in vitro. It shows no activity against P-glycoprotein, as demonstrated in MDR1-transduced K562 cell models. This compound is a valuable research tool for investigating BCRP-mediated drug resistance in cancer.
Target	BCRP
Purity	98.64% (May vary between batches)
MW	370.47
Target Areas	BCRP
Solubility (25°C)	10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (5.4 mM);DMSO:45 mg/mL (121.47 mM)
CAS Number	912287-56-0
Formula	C ₂₀ H ₂₂ N ₂ O ₃ S
SMILES	<chem>COc1ccc(cc1OC)C(=C\c1ccc(s1)N1CCC(O)CC1)\C#N</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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