

Product Datasheet

KS176 (orb1304036)

Catalog Number	orb1304036
Category	Small Molecules
Description	KS176 is a potent and selective BCRP (ABCG2) inhibitor that does not affect P-glycoprotein or MRP1. It is a valuable chemical probe for studying multidrug resistance and drug disposition in breast cancer and other malignancies, applicable in both in vitro and in vivo experimental models.
Target	Potassium Channel,BCRP
Purity	99.09% (May vary between batches)
MW	405.4
Target Areas	Potassium Channel BCRP
Solubility (25°C)	DMSO:55 mg/mL (135.67 mM)
CAS Number	1253452-78-6
Formula	C ₂₂ H ₁₉ N ₃ O ₅
SMILES	<chem>OCCc1ccc(NC(=O)c2ccccc2NC(=O)c2ccc(cc2)[N+][O-])=O)cc1</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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