

Product Datasheet

YS-370 (orb1301227)

Catalog Number	orb1301227
Category	Small Molecules
Description	YS-370 is an orally bioavailable small molecule that inhibits P-glycoprotein (P-gp) and moderately inhibits CYP3A4. It reverses multidrug resistance to agents like paclitaxel and colchicine in vitro and demonstrates enhanced antitumor efficacy in combination with paclitaxel in vivo.
Target	P-gp
Purity	97.50% (May vary between batches)
MW	663.6
Target Areas	P-gp
Solubility (25°C)	DMSO:6 mg/mL (9.04 mM)
CAS Number	2470908-79-1
Formula	C ₃₇ H ₃₅ BrN ₄ O ₃
SMILES	COc1cc2ncnc(-c3c(-c4cccc4)n(Cc4cccc4Br)c4cccc34)c2cc1OCCCN1CCOCC1
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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