

Product Datasheet

Hydroxy Itraconazole (orb1679019)

Catalog Number	orb1679019
Category	Small Molecules
Description	Hydroxy Itraconazole (R63373) is a triazole antifungal agent investigated for its potential role in oncology research. Studies explore its effects on tumor biology in both cellular (in vitro) and animal (in vivo) models, focusing on mechanisms such as Hedgehog signaling pathway inhibition.
Target	Antifungal,Drug Metabolite,Antibacterial
Purity	99.59% (May vary between batches)
MW	721.63
Target Areas	Drug Metabolite Antibacterial Antifungal
Solubility (25°C)	DMSO:80 mg/mL (110.86 mM);10% DMSO+40% PEG300+5% Tween 80+45% Saline:3.3 mg/mL (4.57 mM)
CAS Number	112559-91-8
Formula	C ₃₅ H ₃₈ Cl ₂ N ₈ O ₅
SMILES	<chem>O=C1N(N=CN1C2=CC=C(C=C2)N3CCN(C4=CC=C(OCC5OC(OC5))(C6=CC=C(Cl)C=C6Cl)CN7N=CN=C7)C=C4)CC3)C(C)C(O)C</chem>
Storage	store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature.
Note	For research use only
Expiration Date	12 months from date of receipt.

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