

Product Datasheet

Oteseconazole (orb1307922)

Catalog Number	orb1307922
Category	Small Molecules
Description	Oteseconazole (VT-1161) is an orally bioavailable antifungal agent that selectively and potently inhibits <i>Candida albicans</i> CYP51 (Kd <39 nM) without significantly affecting the human ortholog. It is a valuable research tool for studying fungal pathogenesis and has demonstrated efficacy in both in vitro assays and in vivo models of candidiasis.
Target	Antifungal,Cytochromes P450
Purity	99.07% (May vary between batches)
MW	527.39
Target Areas	Antifungal Cytochromes P450
Solubility (25°C)	DMSO:250 mg/mL (474.03 mM);10% DMSO+40% PEG300+5% Tween 80+45% Saline:5 mg/mL (9.48 mM)
CAS Number	1340593-59-0
Formula	C ₂₃ H ₁₆ F ₇ N ₅ O ₂
SMILES	<chem>O[C@@](Cn1cnnn1)(c1ccc(F)cc1F)C(F)(F)c1ccc(cn1)-c1ccc(OCC(F)(F)F)cc1</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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