

Product Information

Metabolism inhibitor, Cytochrome P450 14a-demethylase inhibitor 1b, Purity $\geq 98\%$

Cat. No.: X24-08-YM361

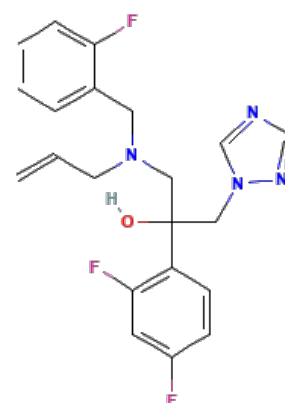
Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 1155361-00-4

Compound CID: 42631259

Synonym: 1155361-00-4; 2-(2,4-Difluorophenyl)-1-[(2-fluorophenyl)methyl-prop-2-enylamino]-3-(1,2,4-triazol-1-yl)propan-2-ol

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Cytochrome P450 14a-demethylase inhibitor 1b is an effective cell metabolism inhibitor, that has the ability to prevent the pathway of metabolism by inhibiting cytochrome P450.
Molecular Weight	402.4
Molecular Formula	C ₂₁ H ₂₁ F ₃ N ₄ O
IUPAC Name	2-(2,4-Difluorophenyl)-1-[(2-fluorophenyl)methyl-prop-2-enylamino]-3-(1,2,4-triazol-1-yl)propan-2-ol
InChI	InChI=1S/C21H21F3N4O/c1-2-9-27(11-16-5-3-4-6-19(16)23)12-21(29,13-28-15-25-14-26-28)18-8-7-17(22)10-20(18)24/h2-8,10,14-15,29H,1,9,11-13H2
InChI Key	DYIUAIJZZHPMBD-UHFFFAOYSA-N
Canonical SMILES	C=CCN(CC1=CC=C(C=C1)F)CC(CN2C=NC=N2)(C3=C(C=C(C=C3)F)F)O
Form	Lyophilized powder
Purity	$\geq 98\%$
Titer	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	Cytochrome P450 14a-demethylase inhibitor 1b is a metabolism inhibitor that plays a key role in research to study the enzyme's role in sterol biosynthesis and to investigate potential antifungal drug candidates.
Storage	Store at -20°C, and keep desiccated.