

Product Information

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

Cat. No.: X24-08-YM371

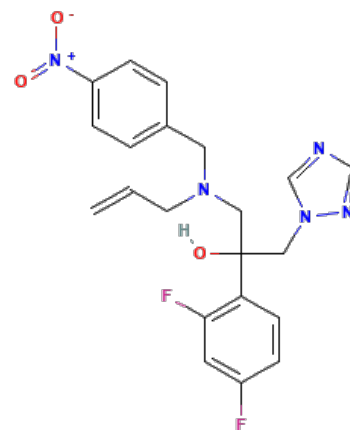
Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 1155361-10-6

Compound CID: 42631479

Synonym: 1155361-10-6; 2-(2,4-Difluorophenyl)-1-[(4-nitrophenyl)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 1L is an effective cell metabolism inhibitor, that has the ability to prevent the pathway of metabolism by inhibiting cytochrome P450.
Molecular Weight	429.4
Molecular Formula	$C_{21}H_{21}F_2N_5O_3$
IUPAC Name	2-(2,4-Difluorophenyl)-1-[(4-nitrophenyl)methyl-prop-2-enylamino]-3-(1,2,4-triazol-1-yl)propan-2-ol
InChI	InChI=1S/C21H21F2N5O3/c1-2-9-26(11-16-3-6-18(7-4-16)28(30)31)12-21(29,13-27-15-24-14-25-27)19-8-5-17(22)10-20(19)23/h2-8,10,14-15,29H,1,9,11-13H2
InChI Key	JGEFHHOYUUJESV-UHFFFAOYSA-N
Canonical SMILES	<chem>C=CCN(CC1=C(C=C(C=C1)Cl)Cl)CC(CN2C=NC=N2)(C3=C(C=C(C=C3)F)F)O</chem>
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 1L is a metabolism inhibitor that plays a key role in the study of CYP51 inhibition mechanisms.
Storage	Store at -20°C , and keep desiccated.