

## Product Information

### Metabolism inhibitor, Cytochrome P450 14a-demethylase inhibitor 1n, Purity ≥98%

**Cat. No.:** X24-08-YM373

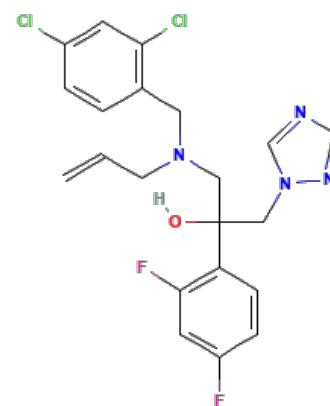
**Size:** 5 mg; 10 mg; 50 mg; 100 mg

**CAS Number:** 1155361-12-8

**Compound CID:** 42631481

**Synonym:** 1155361-12-8; 1-[(2,4-Dichlorophenyl)methyl-prop-2-enylamino]-2-(2,4-difluorophenyl)-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

<b>Description</b>	Cytochrome P450 14a-demethylase inhibitor 1n is an effective cell metabolism inhibitor, that has the ability to prevent the pathway of metabolism by inhibiting cytochrome P450.
<b>Molecular Weight</b>	453.3
<b>Molecular Formula</b>	C <sub>21</sub> H <sub>20</sub> Cl <sub>2</sub> F <sub>2</sub> N <sub>4</sub> O
<b>IUPAC Name</b>	1-[(2,4-Dichlorophenyl)methyl-prop-2-enylamino]-2-(2,4-difluorophenyl)-3-(1,2,4-triazol-1-yl)propan-2-ol
<b>InChI</b>	InChI=1S/C21H20Cl2F2N4O/c1-2-7-28(10-15-3-4-16(22)8-19(15)23)11-21(30,12-29-14-26-13-27-29)18-6-5-17(24)9-20(18)25/h2-6,8-9,13-14,30H,1,7,10-12H2
<b>InChI Key</b>	VHVPQPYKVGDNFY-ZPGVKDDISA-N
<b>Canonical SMILES</b>	CCC(C)N1C(=O)N(C=N1)C2=CC=C(C=C2)N3CCN(CC3)C4=CC=C(C=C4)OCC5COC(O5)(CN6C=NC=N6)C7=C(C=C(C=C7)Cl)Cl
<b>Isomeric SMILES</b>	CCC(C)N1C(=O)N(C=N1)C2=CC=C(C=C2)N3CCN(CC3)C4=CC=C(C=C4)OC[C@H]5CO[C@](O5)(CN6C=NC=N6)C7=C(C=C(C=C7)Cl)Cl
<b>Form</b>	Lyophilized powder
<b>Purity</b>	≥98%
<b>Titer</b>	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects
<b>Stability</b>	In its lyophilized form, the chemical remains stable for 36 months.
<b>Quality Level</b>	Research grade
<b>Applications</b>	Cytochrome P450 14a-demethylase inhibitor 1n is a metabolism inhibitor that plays a key role in research to evaluate its role in inhibiting CYP51.



**Storage**

Store at -20°C, and keep desiccated.

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