

Roflumilast

Catalog No: #S1024

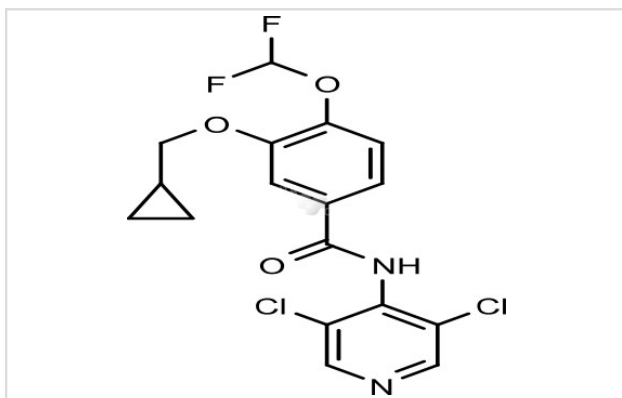
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Description

Product Name	Roflumilast
Brief Description	Inhibitors
Purification	99.00%
Target Name	PDE inhibitor
Calculated MW	403.21
Formulation	C17H14Cl2F2N2O3
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area:Respiratory

systemSMILES:FC(F)OC1=C(OCC2CC2)C=C(C=C1)C(=O)NC1=C(Cl)C=NC=C1ClPathways:MetabolismReceptor:PDE4A1; PDE4A4; PDE4B1;

PDE4B2; PDE4C1Boiling pt:470.9CMelting pt:158CSolubility:Ethanol: 15 mg/mL (37.2 mM); DMSO: 81 mg/mL (200.88 mM)Appearance:White

PowderRemark:For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20 °C for several month.

References

1. Barone FC, et al. Pharmacology. 2007 Aug 28;81(1):11-17.

Note: This product is for in vitro research use only