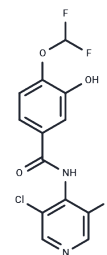


## Roflumilast Impurity E

## Chemical Properties

CAS No. :	1391052-76-8
Formula:	C <sub>13</sub> H <sub>8</sub> Cl <sub>2</sub> F <sub>2</sub> N <sub>2</sub> O <sub>3</sub>
Molecular Weight:	349.12
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Roflumilast Impurity E is an impurity of Roflumilast, which acts as a selective and long-acting enzyme PDE-4 inhibitor (IC <sub>50</sub> value of 0.8 nM).
Targets(IC <sub>50</sub> )	Others,PDE

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8643 mL	14.3217 mL	28.6434 mL
5 mM	0.5729 mL	2.8643 mL	5.7287 mL
10 mM	0.2864 mL	1.4322 mL	2.8643 mL
50 mM	0.0573 mL	0.2864 mL	0.5729 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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