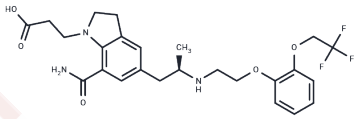
Data Sheet (Cat.No.T211153)

TargetMol

Silodosin carboxylic acid impurity

Chemical Properties



CAS No. : 1357252-79-9

Formula: C25H30F3N3O5

Molecular Weight: 509.52

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	Silodosin carboxylic acid impurity (KMD-3293) is an inactive metabolite of silodosin. As its primary metabolite, it forms through the oxidation via alcohol and aldehyde dehydrogenases. Silodosin carboxylic acid impurity is utilized in research related to benign prostatic hyperplasia.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9626 mL	9.8132 mL	19.6263 mL
5 mM	0.3925 mL	1.9626 mL	3.9253 mL
10 mM	0.1963 mL	0.9813 mL	1.9626 mL
50 mM	0.0393 mL	0.1963 mL	0.3925 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481