

Hydrazinium hydroxide

Chemical Properties

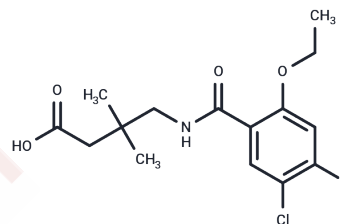
CAS No. : 1805818-57-8

Formula: C₁₅H₁₉ClFNO₄

Molecular Weight: 331.76

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	Hydrazinium hydroxide is a fluorinated carboxylic acid that has been used to study the mechanisms of action of enzymes, hormones and other biomolecules. It has also been used to study the effects of various drugs on the body and to study the effects of environmental toxins on the body.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 25 mg/mL (75.36 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0142 mL	15.0711 mL	30.1423 mL
5 mM	0.6028 mL	3.0142 mL	6.0285 mL
10 mM	0.3014 mL	1.5071 mL	3.0142 mL
50 mM	0.0603 mL	0.3014 mL	0.6028 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.

Reference

Fulton B S , Kaplan A P , Hogan J C , et al. Aminimides as Peptidomimetics[]].

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