

11 β -HSD1-IN-1

Chemical Properties

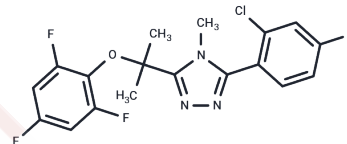
CAS No. : 1203956-47-1

Formula: C₁₈H₁₄ClF₄N₃O

Molecular Weight: 399.77

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	11 β -HSD1-IN-1 is an inhibitor of 11 β -hydroxydehydrogenase 1 (11 β -HSD1, IC ₅₀ : 52 nM) used for the treatment of pain.
Targets(IC ₅₀)	Dehydrogenase

Solubility Information

Solubility	DMSO: 12 mg/mL (30.02 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	2.5014 mL	12.5072 mL	25.0144 mL
5 mM	0.5003 mL	2.5014 mL	5.0029 mL
10 mM	0.2501 mL	1.2507 mL	2.5014 mL
50 mM	0.050 mL	0.2501 mL	0.5003 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

THERAPEUTIC AGENT FOR PAIN. WO2012033070A1

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