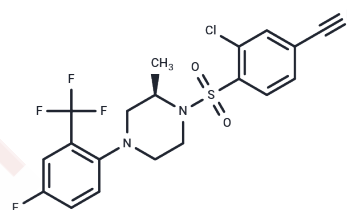


11 β -HSD1 inhibitor 19

Chemical Properties

CAS No. :	946400-19-7
Formula:	C ₁₉ H ₁₆ ClF ₄ N ₃ O ₂ S
Molecular Weight:	461.86
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 inhibitor 19 shows inhibitory activities for hHSD1 and mHSD1 with IC ₅₀ s of 16 nM and 10 nM.
Targets(IC ₅₀)	Dehydrogenase

Solubility Information

Solubility	DMSO: 55 mg/mL (119.08 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	2.1652 mL	10.8258 mL	21.6516 mL
5 mM	0.433 mL	2.1652 mL	4.3303 mL
10 mM	0.2165 mL	1.0826 mL	2.1652 mL
50 mM	0.0433 mL	0.2165 mL	0.433 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

Wan ZK, et al. Efficacious 11beta-hydroxysteroid dehydrogenase type I inhibitors in the diet-induced obesity mouse model. J Med Chem. 2009 Sep 10;52(17):5449-61.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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