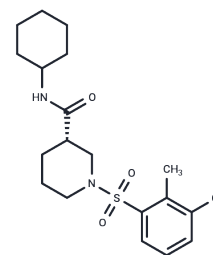


11 $\beta$ -HSD1-IN-12

## Chemical Properties

CAS No. :	872506-67-7
Formula:	C <sub>19</sub> H <sub>27</sub> ClN <sub>2</sub> O <sub>3</sub> S
Molecular Weight:	398.95
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 $\beta$ -HSD1-IN-12 is an 11 $\beta$ -HSD1 inhibitor. 11 $\beta$ -HSD1-IN-12 is implicated in the conversion of glucocorticoids in vivo and can be used to study metabolic syndrome and obesity.
Targets(IC50)	Dehydrogenase

## Solubility Information

Solubility	DMSO: 6.25 mg/mL (15.67 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	2.5066 mL	12.5329 mL	25.0658 mL
5 mM	0.5013 mL	2.5066 mL	5.0132 mL
10 mM	0.2507 mL	1.2533 mL	2.5066 mL
50 mM	0.0501 mL	0.2507 mL	0.5013 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

Wenqing Yao, et al. N-substituted piperidines and their use as pharmaceuticals. US20060004049A1.

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