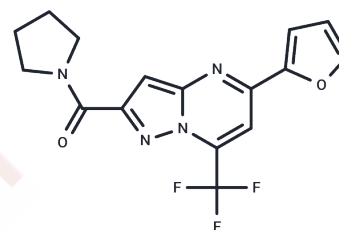


WAY-311610

Chemical Properties

CAS No. : 314051-55-3
 Formula: C₁₆H₁₃F₃N₄O₂
 Molecular Weight: 350.3
 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	WAY-311610 is an 11β-hydroxysteroid dehydrogenase HSD11B1 inhibitor that inhibits the 11β-HSD1 enzyme with an IC ₅₀ = 0.34 μM. It can be used to study neuropathic pain, inflammatory pain, and occipital neuralgia.
Targets(IC ₅₀)	Dehydrogenase

Solubility Information

Solubility	DMSO: 6.25 mg/mL (17.84 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	2.8547 mL	14.2735 mL	28.547 mL
5 mM	0.5709 mL	2.8547 mL	5.7094 mL
10 mM	0.2855 mL	1.4273 mL	2.8547 mL
50 mM	0.0571 mL	0.2855 mL	0.5709 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

Camilla TK, et al. Inventor Gita Camilla Tejlgaard Kampen. EP-1615666-A2.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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