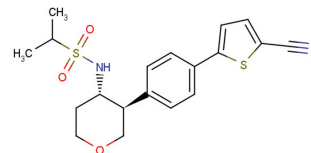


PF-4778574

Chemical Properties

CAS No.: 1219633-99-4
Formula: C₁₉H₂₂N₂O₃S₂
Molecular Weight: 390.52
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	PF-4778574 is a positive AMPA receptor allosteric modulation (EC ₅₀ : 45 to 919 nM in different cells).
Targets(IC ₅₀)	AMPA: (EC ₅₀) 45 to 919 nM

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.561 mL	12.803 mL	25.607 mL
5 mM	0.512 mL	2.561 mL	5.121 mL
10 mM	0.256 mL	1.28 mL	2.561 mL
50 mM	0.051 mL	0.256 mL	0.512 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Roberts BM, et al. Prevention of ketamine-induced working memory impairments by AMPA potentiators in a nonhuman primate model of cognitive dysfunction. Behav Brain Res. 2010 Sep 1;212(1):41-8.

Inhibitors · Natural Compounds · Compound Libraries

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