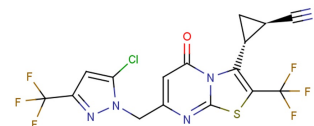


GNE 0723

Chemical Properties

CAS No.: 1883518-31-7
Formula: C₁₆H₈ClF₆N₅O₅
Molecular Weight: 467.78
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	GNE 0723 is an NMDAR brain permeable positive allosteric modulator (EC ₅₀ : 21 nM for GluN2A; 7.4 and 6.2 μM for GluN2C and GluN2D, respectively).
Targets(IC ₅₀)	GluN2A: (EC ₅₀) 21 nM GluN2C: 7.4 μM (EC ₅₀) GluN2D: 6.2 μM (EC ₅₀)

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	2.138 mL	10.689 mL	21.378 mL
5 mM	0.428 mL	2.138 mL	4.276 mL
10 mM	0.214 mL	1.069 mL	2.138 mL
50 mM	0.043 mL	0.214 mL	0.428 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. Villemure E, et al. GluN2A-Selective Pyridopyrimidinone Series of NMDAR Positive Allosteric Modulators with an Improved in Vivo Profile. ACS Med Chem Lett. 2016 Oct 31;8(1):84-89.

Inhibitors · Natural Compounds · Compound Libraries

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