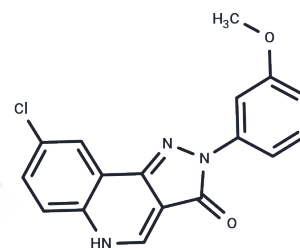


LAU159

Chemical Properties

CAS No. : 2055050-87-6
 Formula: C₁₇H₁₂ClN₃O₂
 Molecular Weight: 325.75
 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	LAU159 is a functionally selective positive $\alpha 1\beta 3$ GABA(A) receptor modulator (EC ₅₀ : 2.2 μ M).
Targets(IC ₅₀)	GABA Receptor

Solubility Information

Solubility	DMSO: Slightly soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0698 mL	15.3492 mL	30.6984 mL
5 mM	0.614 mL	3.0698 mL	6.1397 mL
10 mM	0.307 mL	1.5349 mL	3.0698 mL
50 mM	0.0614 mL	0.307 mL	0.614 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

Varagic Z, et al. Identification of novel positive allosteric modulators and null modulators at the GABAA receptor $\alpha + \beta$ - interface. Br J Pharmacol. 2013 May;169(2):371-83.

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