

Lu AF90103

Chemical Properties

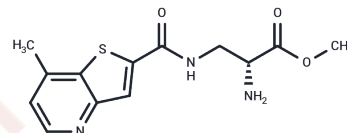
CAS No. : 2577196-14-4

Formula: C₁₃H₁₅N₃O₃S

Molecular Weight: 293.342

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	Lu AF90103 (Compound 42e) is the methyl ester prodrug of compound 42d, capable of crossing the blood-brain barrier. Compound 42d acts as a partial agonist of the GluN1/GluN2B complex, with an efficacy of 24% and an EC ₅₀ value of 78 nM. Lu AF90103 plays a significant role in neuropsychiatric disorder research.
Targets(IC ₅₀)	iGluR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.409 mL	17.0451 mL	34.0901 mL
5 mM	0.6818 mL	3.409 mL	6.818 mL
10 mM	0.3409 mL	1.7045 mL	3.409 mL
50 mM	0.0682 mL	0.3409 mL	0.6818 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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