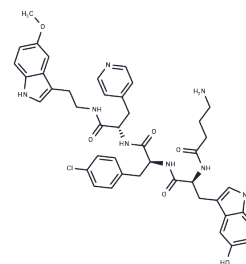


123C4

Chemical Properties

CAS No. : 2034159-30-1
 Formula: C₄₃H₄₇ClN₈O₆
 Molecular Weight: 807.34
 Appearance: no data available
 Storage: keep away from moisture
 Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	123C4 is a potent, selective and competitive agonist of the receptor tyrosine kinase EPHA4 (K _i =0.65 μM)[1].
Targets(IC ₅₀)	Ephrin Receptor

Solubility Information

Solubility	DMSO: 50 mg/mL (61.93 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	1.2386 mL	6.1932 mL	12.3864 mL
5 mM	0.2477 mL	1.2386 mL	2.4773 mL
10 mM	0.1239 mL	0.6193 mL	1.2386 mL
50 mM	0.0248 mL	0.1239 mL	0.2477 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.

Reference

Wu B, et al. Potent and Selective EphA4 Agonists for the Treatment of ALS. Cell Chem Biol. 2017 Mar 16;24(3):293-305.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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