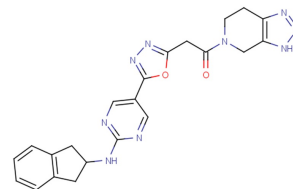


Autotaxin-IN-3

Chemical Properties

CAS No.:	2156655-68-2
Formula:	C ₂₂ H ₂₁ N ₉ O ₂
Molecular Weight:	443.46
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Autotaxin-IN-3 is an Autotaxin(ATX) inhibitor (IC ₅₀ : 2.4 nM) sourced from patent WO2018212534A1 (compound 33).
Targets(IC ₅₀)	Autotaxin: 2.4 nM

Solubility Information

Solubility	DMSO: 250 mg/mL (563.75 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.255 mL	11.275 mL	22.55 mL
5 mM	0.451 mL	2.255 mL	4.51 mL
10 mM	0.225 mL	1.127 mL	2.255 mL
50 mM	0.045 mL	0.225 mL	0.451 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. LEE, Dae Yon, et al. NOVEL COMPOUNDS AS AUTOTAXIN INHIBITORS AND PHARMACEUTICAL COMPOSITIONS COMPRISING THE SAME. Patent O2018212534A1

Inhibitors · Natural Compounds · Compound Libraries

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