

Autotaxin-IN-3

Chemical Properties

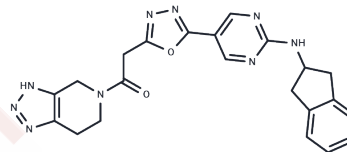
CAS No. : 2156655-68-2

Formula: C₂₂H₂₁N₉O₂

Molecular Weight: 443.46

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Autotaxin-IN-3 is an inhibitor of Autotaxin (IC ₅₀ = 2.4 nM) which is responsible for the increase in lysophosphatidic acid in ascites and plasma.
Targets(IC ₅₀)	PDE

Solubility Information

Solubility	DMSO: 225 mg/mL (507.4 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	2.255 mL	11.275 mL	22.5499 mL
5 mM	0.451 mL	2.255 mL	4.510 mL
10 mM	0.2255 mL	1.1275 mL	2.255 mL
50 mM	0.0451 mL	0.2255 mL	0.451 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

LEE, Dae Yon, et al. NOVEL COMPOUNDS AS AUTOTAXIN INHIBITORS AND PHARMACEUTICAL COMPOSITIONS COMPRISING THE SAME. Patent O2018212534A1

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481