

HA 155

Chemical Properties

CAS No. : 1229652-22-5

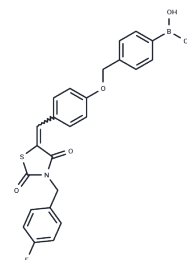
Formula: C₂₄H₁₉BFNO₅S

Molecular Weight: 463.29

Store at low temperature

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	HA 155 (Autotaxin Inhibitor IV) is a boronic acid-based compound, inhibiting ATX with IC ₅₀ of 5.7 nM by selectively binding to its catalytic threonine.
Targets(IC ₅₀)	PDE

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	2.1585 mL	10.7924 mL	21.5848 mL
5 mM	0.4317 mL	2.1585 mL	4.317 mL
10 mM	0.2158 mL	1.0792 mL	2.1585 mL
50 mM	0.0432 mL	0.2158 mL	0.4317 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

Albers H M H G , Hendrickx L J D , Van Tol R J P , et al. Structure-Based Design of Novel Boronic Acid-Based Inhibitors of Autotaxin[J]. Journal of Medicinal Chemistry, 2011, 54(13):4619-26.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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