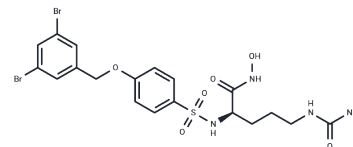


JG26

Chemical Properties

CAS No. : 1464910-32-4
Formula: C₁₉H₂₂Br₂N₄O₆S
Molecular Weight: 594.27
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	JG26 is a potent inhibitor of ADAM17, which can inhibit ADAM8, ADAM17, ADAM10 and MMP-12, with IC ₅₀ values of 12 nM, 1.9 nM, 150 nM and 9.4 nM, respectively, and can be used to study the immune system of the body.
Targets(IC ₅₀)	MMP, Immunology/Inflammation related

Solubility Information

Solubility	DMSO: 50 mg/mL (84.14 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	1.6827 mL	8.4137 mL	16.8274 mL
5 mM	0.3365 mL	1.6827 mL	3.3655 mL
10 mM	0.1683 mL	0.8414 mL	1.6827 mL
50 mM	0.0337 mL	0.1683 mL	0.3365 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

Doretta Cuffaro, et al. Discovery of Dimeric Arylsulfonamides as Potent ADAM8 Inhibitors. ACS Med Chem Lett. 2021 Oct 8;12(11):1787-1793.

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