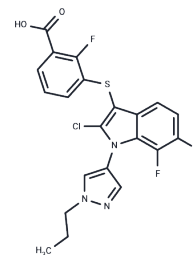


Cudetaxestat

Chemical Properties

CAS No. :	1782070-21-6
Formula:	C ₂₁ H ₁₅ Cl ₂ F ₂ N ₃ O ₂ S
Molecular Weight:	482.33
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	Cudetaxestat (BLD-0409) is a potent, orally active autotaxin inhibitor.
Targets(IC50)	PDE

Solubility Information

Solubility	DMSO: 225 mg/mL (466.49 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	2.0733 mL	10.3663 mL	20.7327 mL
5 mM	0.4147 mL	2.0733 mL	4.1465 mL
10 mM	0.2073 mL	1.0366 mL	2.0733 mL
50 mM	0.0415 mL	0.2073 mL	0.4147 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

Tan Z, et al. An updated patent review of autotaxin inhibitors (2017-present). Expert Opin Ther Pat. 2021;31(5): 421-434.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481