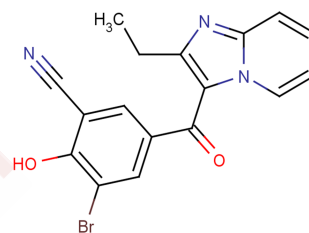


Lingdolinurad

Chemical Properties

CAS No. :	2088176-96-7
Formula:	C ₁₇ H ₁₂ BrN ₃ O ₂
Molecular Weight:	370.2
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	Lingdolinurad is a uric acid transporter protein inhibitor targeting hURAT1 for the study of hyperuricemia or gout.
Targets(IC50)	OAT

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7012 mL	13.5062 mL	27.0124 mL
5 mM	0.5402 mL	2.7012 mL	5.4025 mL
10 mM	0.2701 mL	1.3506 mL	2.7012 mL
50 mM	0.054 mL	0.2701 mL	0.5402 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

Shi Dongfan, et al. Preparation of 3-bromo-5-(2-ethylimidazo[1,2-a] pyridine-3-carbonyl)-2-hydroxybenzonitrile. China, CN111410654 A. 2020-07-14.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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