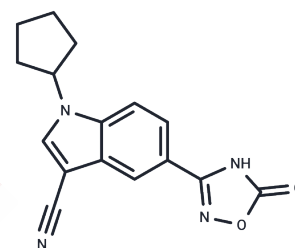


Xanthine oxidase-IN-7

Chemical Properties

CAS No. :	2411698-59-2
Formula:	C ₁₆ H ₁₄ N ₄ O ₂
Molecular Weight:	294.31
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	Xanthine oxidase-IN-7 (compound 1h) is a potent, orally active xanthine oxidase (XO) inhibitor with an IC ₅₀ of 0.36 μM, effectively reducing serum uric acid levels and showing potential for hyperuricemia and gout research [1].
Targets(IC ₅₀)	Others,Xanthine Oxidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3978 mL	16.9889 mL	33.9778 mL
5 mM	0.6796 mL	3.3978 mL	6.7956 mL
10 mM	0.3398 mL	1.6989 mL	3.3978 mL
50 mM	0.068 mL	0.3398 mL	0.6796 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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