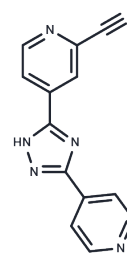


Topiroxostat

Chemical Properties

CAS No. :	577778-58-6
Formula:	C ₁₃ H ₈ N ₆
Molecular Weight:	248.24
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	Topiroxostat (FYX-051) is a selective xanthine oxidase inhibitor developed for the treatment and management of hyperuricemia and gout.
Targets(IC50)	Cytochromes P450,ROS,Xanthine Oxidase

Solubility Information

Solubility	DMSO: 11 mg/mL (44.31 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	4.0284 mL	20.1418 mL	40.2836 mL
5 mM	0.8057 mL	4.0284 mL	8.0567 mL
10 mM	0.4028 mL	2.0142 mL	4.0284 mL
50 mM	0.0806 mL	0.4028 mL	0.8057 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

Sato T, et al. Bioorg Med Chem Lett. 2009 Nov 1;19(21):6225-9.

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