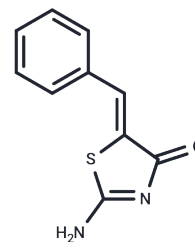


## Xanthine oxidase-IN-10

## Chemical Properties

CAS No. :	851429-65-7
Formula:	C10H8N2OS
Molecular Weight:	204.25
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-10 (XO8 analog) is an inhibitor of xanthine oxidase (XO) used in gout research.
Targets(IC50)	ROS,Xanthine Oxidase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.896 mL	24.4798 mL	48.9596 mL
5 mM	0.9792 mL	4.896 mL	9.7919 mL
10 mM	0.4896 mL	2.448 mL	4.896 mL
50 mM	0.0979 mL	0.4896 mL	0.9792 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

Zhang L, et al. Identification of novel xanthine oxidase inhibitors via virtual screening with enhanced characterization of molybdopterin binding groups. Eur J Med Chem. 2022 Feb 15;230:114101.

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