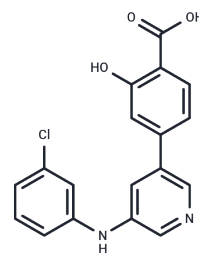


## XOR/URAT1-IN-1

## Chemical Properties

CAS No. :	2810137-86-9
Formula:	C <sub>18</sub> H <sub>13</sub> ClN <sub>2</sub> O <sub>3</sub>
Molecular Weight:	340.76
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	Compound II15, known as XOR/URAT1-IN-1, serves as a dual inhibitor targeting xanthine oxidoreductase (XOR) and uric acid transporter 1 (URAT1), exhibiting IC <sub>50</sub> values of 6 nM and 12.9 μM, respectively. This compound effectively reduces uric acid levels in a mouse model of acute hyperuricemia induced by potassium oxonate and hypoxanthine.
Targets(IC <sub>50</sub> )	OAT,Xanthine Oxidase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9346 mL	14.6731 mL	29.3462 mL
5 mM	0.5869 mL	2.9346 mL	5.8692 mL
10 mM	0.2935 mL	1.4673 mL	2.9346 mL
50 mM	0.0587 mL	0.2935 mL	0.5869 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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