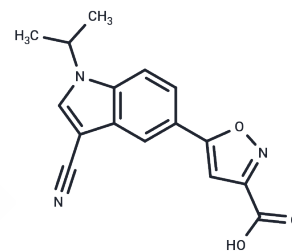


## Xanthine oxidase-IN-15

### Chemical Properties

CAS No. :	2982794-86-3
Formula:	C <sub>16</sub> H <sub>13</sub> N <sub>3</sub> O <sub>3</sub>
Molecular Weight:	295.29
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



### Biological Description

Description	Xanthine oxidase-IN-15 (Compound 6c) is a selective inhibitor of Xanthine oxidase (XO) with an IC <sub>50</sub> of 0.13 μM. It inhibits XO by forming stable interactions at the enzyme's active site. Xanthine oxidase-IN-15 is primarily utilized in research related to hyperuricemia and gout.
Targets(IC <sub>50</sub> )	Xanthine Oxidase

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3865 mL	16.9325 mL	33.865 mL
5 mM	0.6773 mL	3.3865 mL	6.773 mL
10 mM	0.3387 mL	1.6933 mL	3.3865 mL
50 mM	0.0677 mL	0.3387 mL	0.6773 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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