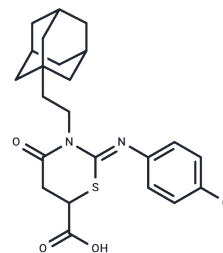


OGT-IN-2

## Chemical Properties

CAS No. : 442665-87-4  
 Formula: C<sub>23</sub>H<sub>27</sub>ClN<sub>2</sub>O<sub>3</sub>S  
 Molecular Weight: 446.99  
 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	OGT-IN-2 is a potent O-GlcNAc transferase (OGT) inhibitor. OGT-IN-2 inhibits sOGT and ncOGT with IC <sub>50</sub> values of 30 μM and 53 μM, respectively[1]. OGT-IN-2 can be used for the research of articular diseases[1].
Targets(IC <sub>50</sub> )	Others,Acyltransferase,Transferase

## Solubility Information

Solubility	DMSO: 100 mg/mL (223.72 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	2.2372 mL	11.1859 mL	22.3719 mL
5 mM	0.4474 mL	2.2372 mL	4.4744 mL
10 mM	0.2237 mL	1.1186 mL	2.2372 mL
50 mM	0.0447 mL	0.2237 mL	0.4474 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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