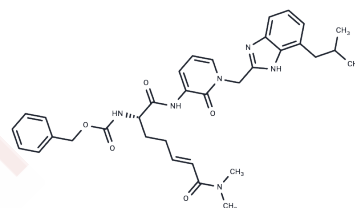


TG-2-IN-4

## Chemical Properties

CAS No. : 2410899-01-1  
 Formula: C<sub>34</sub>H<sub>40</sub>N<sub>6</sub>O<sub>5</sub>  
 Molecular Weight: 612.72  
 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	TG-2-IN-4 (compound 8), an inhibitor of transglutaminase 2 (TG2) with an IC <sub>50</sub> value of less than 0.5 mM, is utilized in the study of inflammatory disorders [1].
Targets(IC <sub>50</sub> )	Glutaminase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6321 mL	8.1603 mL	16.3207 mL
5 mM	0.3264 mL	1.6321 mL	3.2641 mL
10 mM	0.1632 mL	0.816 mL	1.6321 mL
50 mM	0.0326 mL	0.1632 mL	0.3264 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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