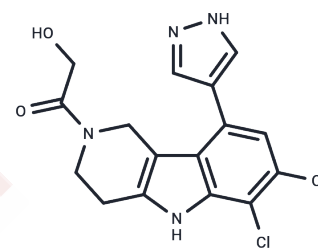


G108

## Chemical Properties

CAS No. : 2369750-66-1  
 Formula: C<sub>16</sub>H<sub>14</sub>Cl<sub>2</sub>N<sub>4</sub>O<sub>2</sub>  
 Molecular Weight: 365.21  
 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	G108 is an inhibitor of human cGAS and is used in the study of autoimmune diseases associated with human cGAS.
Targets(IC50)	cGAS

## Solubility Information

Solubility	H <sub>2</sub> O: 120 mg/mL (328.58 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	2.7382 mL	13.6908 mL	27.3815 mL
5 mM	0.5476 mL	2.7382 mL	5.4763 mL
10 mM	0.2738 mL	1.3691 mL	2.7382 mL
50 mM	0.0548 mL	0.2738 mL	0.5476 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

Lodoe LAMA, et al. 2,3,4,5-tetrahydro-1H-pyrido[4,3-b]indole inhibitors of cgas for treating autoinflammatory diseases: WO2019153002A1.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481