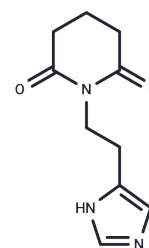


## Histamine glutarimide

## Chemical Properties

CAS No. :	1464897-15-1
Formula:	C10H13N3O2
Molecular Weight:	207.23
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	Histamine glutarimide is a novel small molecule agent functioning as an inhibitor of glutaminy-peptide cyclotransferase (QPCT), which targets key inflammatory processes including eosinophilic migration and mast cell degranulation, Histamine glutarimide has demonstrated significant anti-asthmatic effects in various preclinical animal models of allergic asthma.
Targets(IC50)	Transferase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8256 mL	24.1278 mL	48.2556 mL
5 mM	0.9651 mL	4.8256 mL	9.6511 mL
10 mM	0.4826 mL	2.4128 mL	4.8256 mL
50 mM	0.0965 mL	0.4826 mL	0.9651 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

Renner A, et al. Safety, pharmacokinetics and pharmacodynamics of a novel anti-asthmatic drug, XC8, in healthy probands. *Pulm Pharmacol Ther.* 2019 Dec;59:101852.

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