

Linagliptin impurity 1

Chemical Properties

CAS No. :	1446263-39-3
Formula:	C ₂₅ H ₂₉ BrN ₈ O ₂
Molecular Weight:	553.47
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	Linagliptin impurity 1 (Bromo butene linagliptin impurity VII) is a recognized impurity of Linagliptin.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8068 mL	9.0339 mL	18.0678 mL
5 mM	0.3614 mL	1.8068 mL	3.6136 mL
10 mM	0.1807 mL	0.9034 mL	1.8068 mL
50 mM	0.0361 mL	0.1807 mL	0.3614 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.

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