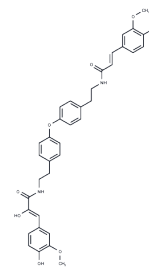


Lyciumamide A

Chemical Properties

CAS No. :	1647111-40-7
Formula:	C36H36N2O8
Molecular Weight:	624.68
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	DPP-IV-IN-5, derived from Lycium barbarum fruits, demonstrates moderate agonistic activity towards peroxisome proliferator-activated receptor (PPAR γ), showing EC50 values between 10.09 and 44.26 μ M, and exhibits inhibitory activity against dipeptidyl peptidase-4 (DPP-IV) with an IC50 of 47.13 μ M [1].
Targets(IC50)	PPAR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6008 mL	8.0041 mL	16.0082 mL
5 mM	0.3202 mL	1.6008 mL	3.2016 mL
10 mM	0.1601 mL	0.8004 mL	1.6008 mL
50 mM	0.032 mL	0.1601 mL	0.3202 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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