

DPP IV/hCA II-IN-1

Chemical Properties

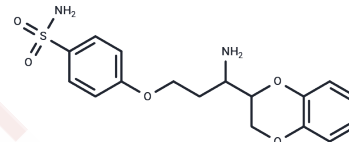
CAS No. : 2836996-95-1

Formula: C17H20N2O5S

Molecular Weight: 364.42

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/hCA II-IN-1 is a potent, selective inhibitor of dipeptidyl peptidase IV (DPP IV) and carbonic anhydrase (CA), exhibiting an IC ₅₀ of 0.049 μM for DPP IV and K _i values of 0.0361, 0.0428, 0.0941, 0.1328, 0.2615, and 3.034 μM for CA II, CA VB, CA VA, CA IX, CA I, and CA IV, respectively [1].
Targets(IC50)	Others,Proteasome,Carbonic Anhydrase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7441 mL	13.7204 mL	27.4409 mL
5 mM	0.5488 mL	2.7441 mL	5.4882 mL
10 mM	0.2744 mL	1.372 mL	2.7441 mL
50 mM	0.0549 mL	0.2744 mL	0.5488 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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