

DPP-4-IN-9

Chemical Properties

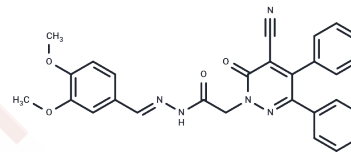
CAS No. : 2906243-39-6

Formula: C₂₈H₂₃N₅O₄

Molecular Weight: 493.51

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-4-IN-9 (compound 6l) is a potent dipeptidyl peptidase DPP-4 inhibitor, exhibiting an IC ₅₀ of 8.22 nM. Additionally, this compound demonstrates antihyperglycemic activity [1].
Targets(IC ₅₀)	Proteasome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0263 mL	10.1315 mL	20.263 mL
5 mM	0.4053 mL	2.0263 mL	4.0526 mL
10 mM	0.2026 mL	1.0132 mL	2.0263 mL
50 mM	0.0405 mL	0.2026 mL	0.4053 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

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