

SIRT5 inhibitor 9

Chemical Properties

CAS No. : 3054055-26-1

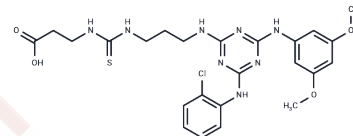
Formula: C₂₄H₂₉ClN₈O₄S

Molecular Weight: 561.06

Store at low temperature

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	SIRT5 inhibitor 9 (compound 14) is a moderately selective and substrate-competitive SIRT5 inhibitor with IC ₅₀ =4.07 μM and has potential anticancer effects.
Targets(IC ₅₀)	Sirtuin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7823 mL	8.9117 mL	17.8234 mL
5 mM	0.3565 mL	1.7823 mL	3.5647 mL
10 mM	0.1782 mL	0.8912 mL	1.7823 mL
50 mM	0.0356 mL	0.1782 mL	0.3565 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

Wang L, et al. Design, synthesis and biological evaluation of 2,4,6- trisubstituted triazine derivatives as new nonpeptide small-molecule SIRT5 inhibitors. *Bioorg Med Chem.* 2023 Oct 1;93:117455.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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