

## SIRT5 inhibitor 8

## Chemical Properties

CAS No. : 3054055-22-7

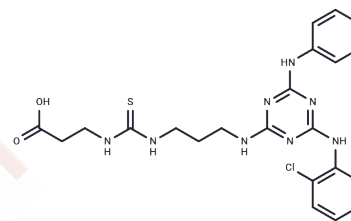
Formula: C<sub>22</sub>H<sub>25</sub>ClN<sub>8</sub>O<sub>2</sub>S

Molecular Weight: 501

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 8 (compound 10) is a moderately selective and substrate-competitive SIRT5 inhibitor with IC <sub>50</sub> =5.38 μM, with potential anticancer effects.
Targets(IC <sub>50</sub> )	Sirtuin

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.996 mL	9.980 mL	19.9601 mL
5 mM	0.3992 mL	1.996 mL	3.992 mL
10 mM	0.1996 mL	0.998 mL	1.996 mL
50 mM	0.0399 mL	0.1996 mL	0.3992 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.

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