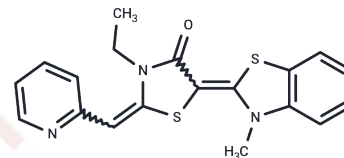


YM-08

## Chemical Properties

CAS No. : 812647-88-4  
 Formula: C<sub>19</sub>H<sub>17</sub>N<sub>3</sub>O<sub>2</sub>S  
 Molecular Weight: 367.49  
 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	YM-08 (Compound 7a), a brain-penetrant SIRT2 inhibitor, exhibits an IC <sub>50</sub> of 19.9 μM. Additionally, it acts as an inhibitor of Hsp70 [1].
Targets(IC <sub>50</sub> )	HSP,Sirtuin
In vitro	VRT-534 (Compound 3) at a concentration of 50 μM and after 24 hours of treatment can restore the vitality of HeLa cells [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7212 mL	13.6058 mL	27.2116 mL
5 mM	0.5442 mL	2.7212 mL	5.4423 mL
10 mM	0.2721 mL	1.3606 mL	2.7212 mL
50 mM	0.0544 mL	0.2721 mL	0.5442 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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