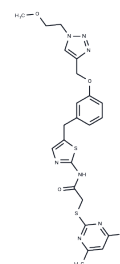


MZ-242

## Chemical Properties

CAS No. : 1862238-01-4  
 Formula: C<sub>24</sub>H<sub>27</sub>N<sub>7</sub>O<sub>3</sub>S<sub>2</sub>  
 Molecular Weight: 525.65  
 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	MZ-242 is an effective and selective inhibitor of Sirt2.
Targets(IC50)	Others,Sirtuin

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9024 mL	9.512 mL	19.0241 mL
5 mM	0.3805 mL	1.9024 mL	3.8048 mL
10 mM	0.1902 mL	0.9512 mL	1.9024 mL
50 mM	0.038 mL	0.1902 mL	0.3805 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

- Szabó A, Oláh J, Szunyogh S, Lehotzky A, Szénási T, Csaplár M, Schiedel M, Lőw P, Jung M, Ovádi J. Modulation Of Microtubule Acetylation By The Interplay Of TPPP/p25, SIRT2 And New Anticancer Agents With Anti-SIRT2 Potency. *Sci Rep.* 2017 Dec 6;7(1):17070. doi: 10.1038/s41598-017-17381-3. PubMed PMID: 29213065; PubMed Central PMCID: PMC5719079.
- Zhang M, Sakaie KE, Jones SE. Logical foundations and fast implementation of probabilistic tractography. *IEEE Trans Med Imaging.* 2013 Aug;32(8):1397-410. doi: 10.1109/TMI.2013.2257179. Epub 2013 Apr 5. PubMed PMID: 23568498.

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