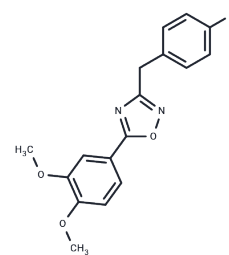


P5SA-2

## Chemical Properties

CAS No. : 864717-20-4  
 Formula: C<sub>17</sub>H<sub>15</sub>ClN<sub>2</sub>O<sub>3</sub>  
 Molecular Weight: 330.766  
 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	P5SA-2 is a selective allosteric activator of PPP5C, functioning by modulating the structure of the PPP5C phosphatase domain. At a concentration of 100 $\mu$ M, it can enhance PPP5C activity by 3.2-fold, with an apparent affinity constant of 7.8 $\mu$ M. P5SA-2 is applicable in research related to cancer and Alzheimer's disease.
Targets(IC50)	Phosphatase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0232 mL	15.1162 mL	30.2325 mL
5 mM	0.6046 mL	3.0232 mL	6.0465 mL
10 mM	0.3023 mL	1.5116 mL	3.0232 mL
50 mM	0.0605 mL	0.3023 mL	0.6046 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.

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