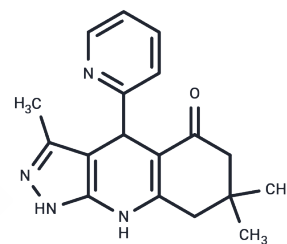


GSK3-IN-9

## Chemical Properties

CAS No. : 748145-12-2  
 Formula: C<sub>18</sub>H<sub>20</sub>N<sub>4</sub>O  
 Molecular Weight: 308.378  
 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	GSK3-IN-9 (0713) is a selective inhibitor of glycogen synthase kinase 3 (GSK3). It holds potential for research into fragile X syndrome, attention deficit hyperactivity disorder (ADHD), childhood epilepsy, intellectual disabilities, diabetes, acute myeloid leukemia (AML), autism, and mental disorders.
Targets(IC50)	GSK-3

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2428 mL	16.2138 mL	32.4275 mL
5 mM	0.6486 mL	3.2428 mL	6.4855 mL
10 mM	0.3243 mL	1.6214 mL	3.2428 mL
50 mM	0.0649 mL	0.3243 mL	0.6486 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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