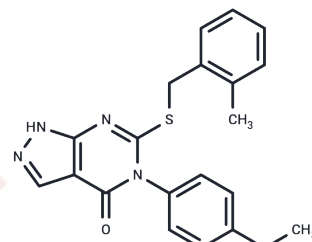


CDK8-IN-17

## Chemical Properties

CAS No. : 451458-32-5  
 Formula: C<sub>21</sub>H<sub>20</sub>N<sub>4</sub>O<sub>5</sub>  
 Molecular Weight: 376.475  
 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	CDK8-IN-17 (Compound WS-2) is a CDK8 inhibitor with an IC <sub>50</sub> value of 9 nM, which may be utilized in cancer research.
Targets(IC <sub>50</sub> )	CDK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6562 mL	13.2809 mL	26.5618 mL
5 mM	0.5312 mL	2.6562 mL	5.3124 mL
10 mM	0.2656 mL	1.3281 mL	2.6562 mL
50 mM	0.0531 mL	0.2656 mL	0.5312 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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