

## CDK/HDAC-IN-1

## Chemical Properties

CAS No. :

Formula: C<sub>20</sub>H<sub>18</sub>N<sub>4</sub>O<sub>4</sub>

Molecular Weight: 378.38

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	CDK/HDAC-IN-1 exhibits potent inhibitory activity towards CDK2/4/6 and HDAC6, with IC <sub>50</sub> values of 60.9 ± 2.9 nM, 276 ± 22.3 nM, 27.2 ± 4.2 nM, and 128.6 ± 0.4 nM, respectively.
Targets(IC <sub>50</sub> )	Others,CDK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6428 mL	13.2142 mL	26.4285 mL
5 mM	0.5286 mL	2.6428 mL	5.2857 mL
10 mM	0.2643 mL	1.3214 mL	2.6428 mL
50 mM	0.0529 mL	0.2643 mL	0.5286 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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