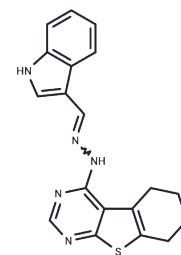


B32B3

## Chemical Properties

CAS No. : 294193-86-5  
 Formula: C<sub>19</sub>H<sub>17</sub>N<sub>5</sub>S  
 Molecular Weight: 347.44  
 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	B32B3 is a VprBP inhibitor with anti-tumor activity. By blocking H2AT120p and reactivating a transcription program similar to normal cells, it inhibits the growth of colon tumors.
Targets(IC50)	Others
In vitro	B32B3 acts as an inhibitor of VprBP with an IC <sub>50</sub> value of 0.5 μM in H2AT120p cells.[1]

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8782 mL	14.391 mL	28.7819 mL
5 mM	0.5756 mL	2.8782 mL	5.7564 mL
10 mM	0.2878 mL	1.4391 mL	2.8782 mL
50 mM	0.0576 mL	0.2878 mL	0.5756 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

Kim K, et al. VprBP has intrinsic kinase activity targeting histone H2A and represses gene transcription. Mol Cell. 2013 Nov 7;52(3):459-67.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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