

HBX

## Chemical Properties

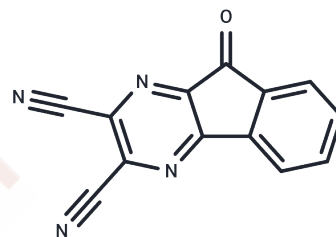
CAS No. : 40114-84-9

Formula: C<sub>13</sub>H<sub>4</sub>N<sub>4</sub>O

Molecular Weight: 232.2

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   | HBX is a deubiquitinase inhibitor. It inhibits HAdV type 5 (species C, HAdV-C5) replication and oncogenic transformation through inhibition of the cellular pro-viral factor ubiquitin-specific protease 7 (USP7). HBX also significantly inhibits virus genome replication and progeny release of all adenovirus types tested, with the exception of types 12 and 31, from tested species. |
| Targets(IC50) | Others  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 4.3066 mL | 21.5332 mL | 43.0663 mL |
| 5 mM  | 0.8613 mL | 4.3066 mL  | 8.6133 mL  |
| 10 mM | 0.4307 mL | 2.1533 mL  | 4.3066 mL  |
| 50 mM | 0.0861 mL | 0.4307 mL  | 0.8613 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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