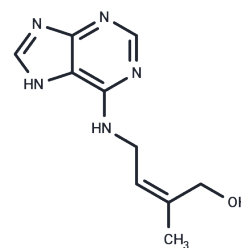


## cis-Zeatin

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 32771-64-5  |
| Formula:          | C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> O  |
| Molecular Weight: | 219.24  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |   |
|---------------|---|
| Description   | Cis-Zeatin, a cytokinin plant growth regulator and an isomer of trans-zeatin, promotes callus growth in isolated <i>N. tabacum</i> callus tissue at concentrations between 0.1 and 1 $\mu$ M. |
| Targets(IC50) | Others  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 4.5612 mL | 22.8061 mL | 45.6121 mL |
| 5 mM  | 0.9122 mL | 4.5612 mL  | 9.1224 mL  |
| 10 mM | 0.4561 mL | 2.2806 mL  | 4.5612 mL  |
| 50 mM | 0.0912 mL | 0.4561 mL  | 0.9122 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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