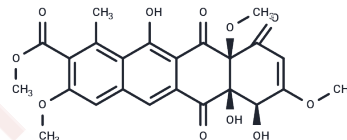


## Tetracenomycin X

## Chemical Properties

CAS No. : 121245-07-6  
 Formula: C<sub>24</sub>H<sub>22</sub>O<sub>11</sub>  
 Molecular Weight: 486.43  
 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 | Tetracenomycin X effectively inhibits protein synthesis by binding within the ribosomal exit tunnel, thereby blocking the translation process. |
|-------------|--|

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 2.0558 mL | 10.279 mL | 20.5579 mL |
| 5 mM  | 0.4112 mL | 2.0558 mL | 4.1116 mL  |
| 10 mM | 0.2056 mL | 1.0279 mL | 2.0558 mL  |
| 50 mM | 0.0411 mL | 0.2056 mL | 0.4112 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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