

## CARM1-IN-3

## Chemical Properties

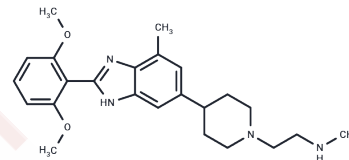
CAS No. : 912970-67-3

Formula: C<sub>24</sub>H<sub>32</sub>N<sub>4</sub>O<sub>2</sub>

Molecular Weight: 408.54

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                | CARM1-IN-3 (compound 17b) is a potent and selective inhibitor of co-activator associated arginine methyltransferase (CARM1), with IC <sub>50</sub> values of 0.07 μM for CARM1 and greater than 25 μM for CARM3 [1]. |
| Targets(IC <sub>50</sub> ) | Histone Methyltransferase  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.4477 mL | 12.2387 mL | 24.4774 mL |
| 5 mM  | 0.4895 mL | 2.4477 mL  | 4.8955 mL  |
| 10 mM | 0.2448 mL | 1.2239 mL  | 2.4477 mL  |
| 50 mM | 0.049 mL  | 0.2448 mL  | 0.4895 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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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481