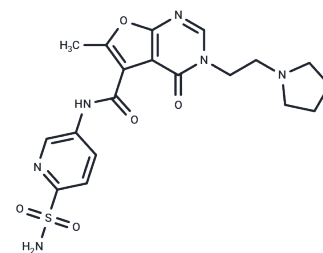


DY-46-2

## Chemical Properties

CAS No. : 1105110-83-5  
Formula: C<sub>19</sub>H<sub>22</sub>N<sub>6</sub>O<sub>5</sub>S  
Molecular Weight: 446.48  
Appearance: no data available  
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

|             |                                                                                                                                      |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Description | DY-46-2 is a highly selective, potent, novel non-nucleoside DNA methyltransferase 3A (DNMT3A) inhibitor (IC <sub>50</sub> : 1.3 μM). |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.2397 mL | 11.1987 mL | 22.3974 mL |
| 5 mM  | 0.4479 mL | 2.2397 mL  | 4.4795 mL  |
| 10 mM | 0.224 mL  | 1.1199 mL  | 2.2397 mL  |
| 50 mM | 0.0448 mL | 0.224 mL   | 0.4479 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481