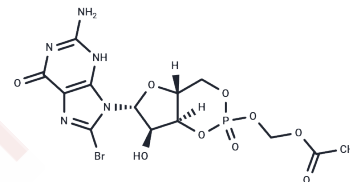


## 8-Br-cGMP-AM

## Chemical Properties

CAS No. : 272445-71-3  
 Formula: C<sub>13</sub>H<sub>15</sub>BrN<sub>5</sub>O<sub>9</sub>P  
 Molecular Weight: 496.16  
 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   | 8-Br-cGMP-AM, a derivative of 8-Br-cGMP, acts as an activator of PKG (cGMP-dependent protein kinase), inducing various biological effects such as vasodilation and platelet inhibition. This compound is utilized in the research of cardiovascular diseases. |
| Targets(IC50) | PKA   |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.0155 mL | 10.0774 mL | 20.1548 mL |
| 5 mM  | 0.4031 mL | 2.0155 mL  | 4.031 mL   |
| 10 mM | 0.2015 mL | 1.0077 mL  | 2.0155 mL  |
| 50 mM | 0.0403 mL | 0.2015 mL  | 0.4031 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

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:34 Washington Street,Wellesley Hills,MA 02481