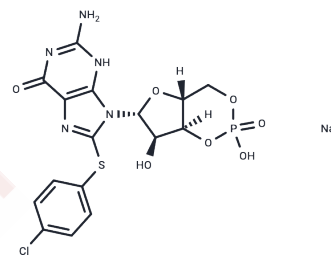


8-Pcpt-cGMP sodium

Chemical Properties

CAS No. : 51239-26-0
 Formula: C₁₆H₁₄ClN₅NaO₇PS
 Molecular Weight: 509.79
 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-Pcpt-cGMP sodium, with an EC ₅₀ of 0.5 μM, acts as an agonist for cyclic nucleotide-gated (CNG) channels and demonstrates effective membrane permeability. This compound is utilized in research focused on the role of CNG channels in visual and olfactory signal transduction. |
| Targets(IC ₅₀) | HCN Channel |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.9616 mL | 9.808 mL | 19.6159 mL |
| 5 mM | 0.3923 mL | 1.9616 mL | 3.9232 mL |
| 10 mM | 0.1962 mL | 0.9808 mL | 1.9616 mL |
| 50 mM | 0.0392 mL | 0.1962 mL | 0.3923 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