# Data Sheet (Cat.No.T75048)

TargetMol

## 3'-Beta-C-ethynyl-N6-(m-trifluoromethyl benzyl)adenosine

### Chemical Properties

CAS No. :

Formula: C20H18F3N5O4

Molecular Weight: 449.38

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 | 3'-Beta-C-ethynyl-N6-(m-trifluoromethyl benzyl)adenosine is an adenosine analog. Adenosine analogs primarily act as smooth muscle vasodilators and have also demonstrated inhibition of cancer progression. Notable related compounds include adenosine phosphate, Acadesine, Clofarabine, Fludarabine phosphate, and Vidarabine [1]. |
| Targets(IC50) | Nucleoside Antimetabolite/Analog,Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|---|---|---|---|
| 1 mM | 2.2253 mL | 11.1264 mL | 22.2529 mL |
| 5 mM | 0.4451 mL | 2.2253 mL | 4.4506 mL |
| 10 mM | 0.2225 mL | 1.1126 mL | 2.2253 mL |
| 50 mM | 0.0445 mL | 0.2225 mL | 0.4451 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