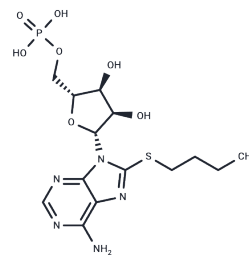


## 8-BuS-AMP

## Chemical Properties

CAS No. :	344402-39-7
Formula:	C <sub>14</sub> H <sub>22</sub> N <sub>5</sub> O <sub>7</sub> P <sub>5</sub>
Molecular Weight:	435.39
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-BuS-AMP is a dual inhibitor of CD39 and CD73. It inhibits human CD39, mouse CD39, and human CD73 with $K_i$ values of 0.292 $\mu$ M, 2.19 $\mu$ M, and 1.19 $\mu$ M, respectively.
Targets(IC50)	Phosphatase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2968 mL	11.484 mL	22.9679 mL
5 mM	0.4594 mL	2.2968 mL	4.5936 mL
10 mM	0.2297 mL	1.1484 mL	2.2968 mL
50 mM	0.0459 mL	0.2297 mL	0.4594 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