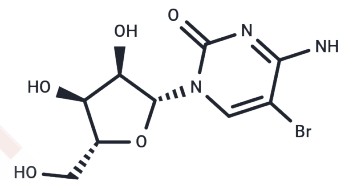


## 5-Bromocytidine

## Chemical Properties

CAS No. :	3066-86-2
Formula:	C <sub>9</sub> H <sub>12</sub> BrN <sub>3</sub> O <sub>5</sub>
Molecular Weight:	322.11
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	5-Bromocytidine is a nucleoside analog that is a priority disinfection byproduct of drinking water and may interfere with nucleic acid synthesis.
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1045 mL	15.5226 mL	31.0453 mL
5 mM	0.6209 mL	3.1045 mL	6.2091 mL
10 mM	0.3105 mL	1.5523 mL	3.1045 mL
50 mM	0.0621 mL	0.3105 mL	0.6209 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.

## Reference

Eckfeldt John, et al. Relaxation spectra of aspartate transcarbamylase. I. Interaction of 5-bromocytidine triphosphate with native enzyme and regulatory subunit. *Biochemistry* 9.17 (1970): 3353-3362.

**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