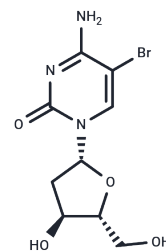


## 5-Bromo-2'-deoxycytidine

## Chemical Properties

CAS No. :	1022-79-3
Formula:	C <sub>9</sub> H <sub>12</sub> BrN <sub>3</sub> O <sub>4</sub>
Molecular Weight:	306.113
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	5-Bromo-2'-deoxycytidine is a photosensitizer for DNA. It modifies double-stranded DNA and detects DNA damage through 300 nm photon identification.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2668 mL	16.334 mL	32.668 mL
5 mM	0.6534 mL	3.2668 mL	6.5336 mL
10 mM	0.3267 mL	1.6334 mL	3.2668 mL
50 mM	0.0653 mL	0.3267 mL	0.6534 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**

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