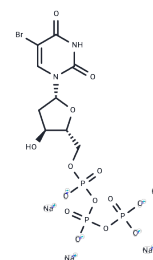


## 5-BrdUTP sodium salt

### Chemical Properties

CAS No. : 102212-99-7  
 Formula: C<sub>9</sub>H<sub>10</sub>BrN<sub>2</sub>Na<sub>4</sub>O<sub>14</sub>P<sub>3</sub>  
 Molecular Weight: 634.97  
 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-BrdUTP sodium salt is a TdT substrate used for labeling DNA double-strand breaks.
Targets(IC50)	Others,DNA/RNA Synthesis

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5749 mL	7.8744 mL	15.7488 mL
5 mM	0.315 mL	1.5749 mL	3.1498 mL
10 mM	0.1575 mL	0.7874 mL	1.5749 mL
50 mM	0.0315 mL	0.1575 mL	0.315 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

Darzynkiewicz Z, et al. Detection of DNA strand breaks in apoptotic cells by flow- and image-cytometry. *Methods Mol Biol.* 2011;682:91-101.

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