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## Product Data Sheet

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Product Name: 5-BrdUTP sodium salt

Cat. No.: GC33596

**Chemical Properties**

Cas. No. 102212-99-7

SMILES O=C(N1)N([C@@H]2O[C@H](COP(OP(OP(O)(O)=O)(O)=O)(O)=O)[C@@H](O)C2)C=C(Br)C1=O.[4Na]

Formula	C <sub>9</sub> H <sub>14</sub> BrN <sub>2</sub> Na <sub>4</sub> O <sub>14</sub> P <sub>3</sub>	M.Wt	639
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Solubility	Soluble in DMSO	Storage	Store at -20°C
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General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

5-BrdUTP sodium salt is a TdT substrate which can be used to label the DNA double-strand breaks.

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

**Caution: Product has not been fully validated for medical applications. For research use only.**

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