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## Product Data Sheet

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Product Name: 5-Bromouridine 5'-triphosphate (sodium salt)

Cat. No.: GC42495

### Chemical Properties

Cas. No.

SMILES O[C@@H]1[C@H](O)[C@@H](COP(OP(O)([O-])=O)([O-])=O)([O-])=O)[C@H]1N2C=C(Br)C(NC2=O)=O.[Na+].[Na+].[Na+]

Formula  $C_9H_{11}BrN_2O_{15}P_3 \cdot 3Na$  M.Wt 629

Solubility PBS (pH 7.2): 10 mg/ml Storage Store at -20°C

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-Bromouridine 5'-triphosphate (5-BrUTP) is a brominated form of UTP that is used to label RNA during transcription. 5-BrUTP in newly-transcribed RNA is then evaluated immunologically with antibodies. This approach has been used to detect or measure RNA transcription with a variety of imaging and molecular methods.

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

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