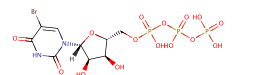


5-BrUTP sodium salt

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 161848-60-8 |
| Formula: | C ₉ H ₁₄ BrN ₂ NaO ₁₅ P ₃ |
| Molecular Weight: | 586.025 |
| 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-BrUTP sodium salt is utilized to label RNA for the measurement of transcription. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 1.7064 mL | 8.532 mL | 17.064 mL |
| 5 mM | 0.3413 mL | 1.7064 mL | 3.4128 mL |
| 10 mM | 0.1706 mL | 0.8532 mL | 1.7064 mL |
| 50 mM | 0.0341 mL | 0.1706 mL | 0.3413 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

Bui HT, et al. Essential role of paternal chromatin in the regulation of transcriptional activity during mouse preimplantation development. *Reproduction*. 2011 Jan;141(1):67-77.

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