

dITP

Chemical Properties

CAS No. : 16595-02-1
Formula: C₁₀H₁₅N₄O₁₃P₃
Molecular Weight: 492.17
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 | dITP (2'-Deoxyinosine-5'-triphosphate) serves as a monomeric raw material for nucleic acid synthesis. |
| Targets(IC50) | Nucleoside Antimetabolite/Analog |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.0318 mL | 10.1591 mL | 20.3182 mL |
| 5 mM | 0.4064 mL | 2.0318 mL | 4.0636 mL |
| 10 mM | 0.2032 mL | 1.0159 mL | 2.0318 mL |
| 50 mM | 0.0406 mL | 0.2032 mL | 0.4064 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.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481