
Product Data Sheet

Product Name: 2-Thio-CTP

Cat. No.: GB20129

Chemical Properties

Cas. No.

Formula $C_9H_{16}N_3O_{13}P_3S$ (free acid) M.Wt 499.22 (free acid)

Solubility Storage Store at -20°C or below

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**

Base modified ribonucleoside triphosphates. Pseudo-complementary (pc) nucleic acids contain base analogs that form weak base pairs with one another but form strong base pairs with standard bases. Consequently, pc-nucleic acids have diminished intramolecular and intermolecular secondary structures and can readily hybridize to unmodified nucleic-acids.

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

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