

Thio-ITP biochemical

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CATALOG #
AAA228618

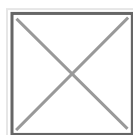
PRODUCT SYNONYMS

Thio-ITP; Thio-ITP biochemical

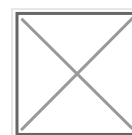
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	27652-34-2
Targets&IC50	RNA polymerase I:40.9+/-11.0 uM (Ki), RNA polymerase II:38.0+/-6.47 uM (Ki)
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	Thio-ITP inhibits both endogenous and exogenous DNA-directed RNA synthesis[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES


Structure

5-Propargylamino-3'-azidomethyl-dCTP, CAS 666847-71-8


Structure

5-Propargylamino-3'-azidomethyl-dCTP, CAS 666847-71-8

ADDITIONAL INFORMATION

Related Product Information for Thio-ITP biochemical	Thio-ITP (6-Thioinosine 5'-triphosphate) is an RNA polymerase activity competitive inhibitor. Thio-ITP has a high apparent affinity for the polymerases (RNA polymerase I K _i : 40.9 uM; RNA polymerase II K _i : 38.0 uM).
References	1. Milton J, et, al. Modified nucleotides for polynucleotide sequencing. WO2004018497A2.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/biochemical/thio-ity/228618>