

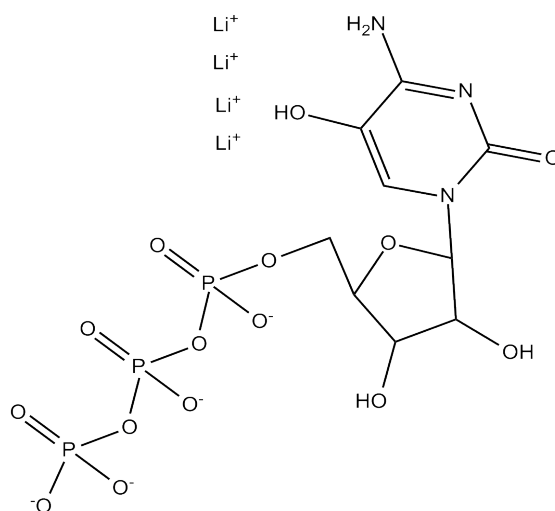
Certificate of Analysis

Product Name: 5-Hydroxy-CTP
 Cat. No.: GB20155
 Batch No.: 1
 Chemical Name:

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_9H_{16}N_3O_{15}P_3$ (free acid)
 Molecular Weight: 499.1 (free acid)
 Storage: Store at $-20 \pm 5^\circ\text{C}$

Chemical Structure:



ANALYTICAL DATA

TEST	SPECIFICATION	RESULTS
Appearance:	Clear colorless solution	Conforms
Concentration:	100mM \pm 3mM	98mM
Purity(by HPLC):	\geq 98.0%	99.62%
^{31}H NMR:	To conform structure	Conforms
^{31}P NMR:	To conform structure	Conforms

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

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