

## Uridine-5'-O-(3-thiotriphosphate) tetrasodium

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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	Uridine-5'-O-(3-thiotriphosphate) tetrasodium (UTPyS) is a stable analog of Uridine triphosphate (UTP) and acts as a potent agonist for P2Y2 and P2Y4 receptors, offering enhanced metabolic stability. It can stimulate the generation of inositol phosphates in 1321N1 astrocytoma cells, which stably express phospholipase C-coupled human P2U purinergic receptors (EC50= 240 nM).
Targets(IC50)	P2Y Receptor

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