

Uridine 5'-O-thiodiphosphate trisodium

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-thiodiphosphate (trisodium) (UDP-β-S (trisodium)) acts as an agonist for the purinergic P2Y6 receptor. This compound selectively induces the accumulation of inositol phosphate in 1321N1 cells expressing P2Y6 receptors, with an EC50 value of 28 nM. Additionally, it stimulates DNA synthesis in rat aortic smooth muscle cells.
Targets(IC50)	DNA/RNA Synthesis,P2Y Receptor

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