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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PRODUCT INFORMATION



Uridine-5'-O-triphospho-γ-1-(5-sulfonic acid)naphthylamidate (sodium salt)

Item No. 38574

Formal Name: 5-[[hydroxy[[hydroxy(phosphonooxy)phosphinyl]oxy]phosphinyl]amino]-1-naphthalenesulfonic acid, P''→5'-ester with uridine, trisodium salt

Synonym: UTP-γ-AmNS
MF: C₁₉H₁₉N₃O₁₇P₃S • 3Na

FW: 755.3

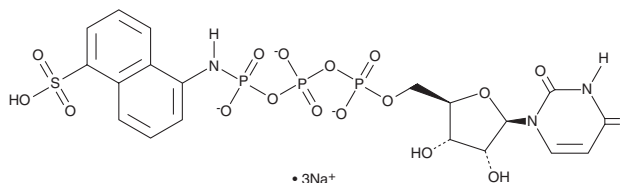
Purity: ≥95%

Ex./Em. Max: 360/465 nm

Supplied as: A solution in water

Storage: -80°C

Stability: ≥2 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Description

Uridine-5'-O-triphospho-γ-1-(5-sulfonic acid)naphthylamidate (UTP-γ-AmNS) is a fluorescent derivative of the nucleotide and dual purinergic P2Y₂ and P2Y₄ receptor agonist UTP (Item No. 9003530).¹ It has been used in high-throughput screening (HTS) assays for inhibitors of bacterial RNA polymerase activity. UTP-γ-AmNS displays excitation/emission maxima at 360/465 nm, respectively.

Reference

1. Bhat, J., Rane, R.A., Solapure, S.M., *et al.* High-throughput screening of RNA polymerase inhibitors using a fluorescent UTP analog. *J. Biomol. Screen.* **11(8)**, 968-976 (2006).

WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

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