Guanosine 5’-O-(3-thiotriphosphate) . tetralithium salt

Non-hydrolyzable GTP analog

Guanosine 5’-O-(3-thiotriphosphate) (GTP-g-S) is a non-hydrolyzable analog of guanosine 5’-O-triphosphate (GTP) (Prod. No. ALX-480-057). GTP-g-S stimulates inositol trisphosphate formation in membranes.

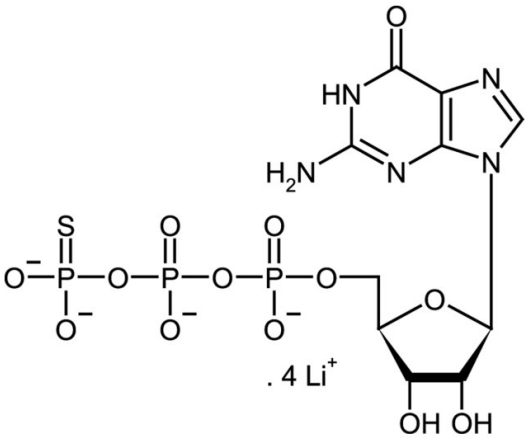
Citations: 3 View Online »

Ordering Information Order Online »

ALX-480-056-M001	1mg
ALX-480-056-M005	5mg

Manuals, SDS & CofA View Online »

- Used to obtain crystal structures of GTPases and measure their stability in presence of ligands


O
HN
N
H2N
N
N
S
O
O
O
O
O
O
O
O
O
O
O
O
. 4 Li+
OH OH


Enzo

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	GTP-γ-S . 4Li
Appearance	White to off-white solid.
CAS	94825-44-2
Formula	$C_{10}H_{12}N_5O_{13}P_3S$. 4Li
MW	535.2 . 27.8
Purity	≥85% (HPLC)
Solubility	Soluble in water (25mg/ml).

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ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

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