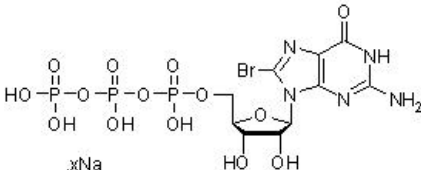


Product datasheet

8-Bromo-GTP (aqueous solution), GTP analog ab146753

1 Image

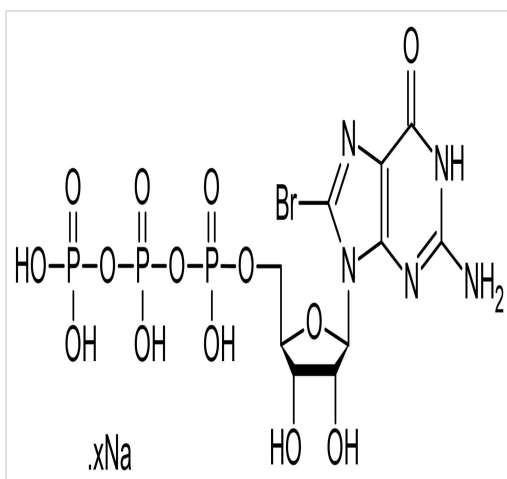
Overview

Product name	8-Bromo-GTP (aqueous solution), GTP analog
Description	GTP analog. RNA triphosphatase and GTP-hydrolase inhibitor.
Biological description	GTP analog. RNA triphosphatase and GTP-hydrolase inhibitor. Competitive FtsZ polymerization and GTPase inhibitor ($IC_{50} = 32 \mu M$). Competes with ATP but not UTP for the binding center of RNA-polymerase.
Purity	> 95%
CAS Number	23197-98-0
Chemical structure	

Properties

Molecular weight	602.07
Molecular formula	$C_{10}H_{15}N_5O_{14}P_3Br$
Storage instructions	Store at $-20^{\circ}C$ (desiccating conditions).
Solubility overview	Supplied in water (10 mM)
Handling	<p>Providing storage is as stated on the product vial and the vial is kept tightly sealed, the product can be stored for up to 6 months. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
Source	Synthetic

Images



2D chemical structure image of ab146753, 8-Bromo-GTP (aqueous solution), GTP analog

Chemical Structure - 8-Bromo-GTP (aqueous solution), GTP analog (ab146753)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Response to your inquiry within 24 hours
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