

8-Br-dGTP sodium

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	8-Br-dGTP (8-Bromo-dGTP) sodium (Compound 5) is a cis isomer of dGTP, characterized as an 8-bromoguanosine nucleotide. This compound is hydrolyzed by the enzyme hMTH1 protein. It inhibits dGTP-activated ADP reduction, exhibiting a K_i value of 56 μM . During DNA synthesis, 8-Br-dGTP sodium presents no significant genotoxicity or mutagenic potential.
Targets(IC50)	Nucleoside Antimetabolite/Analog

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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