7-TFA-ap-7-Deaza-dG

Cat. No.: HY-138589

CAS No.: 666847-77-4

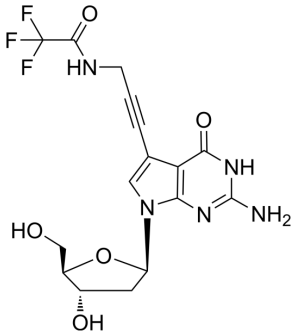
Molecular Formula: $C_{16}H_{16}F_3N_5O_5$

Molecular Weight: 415.32

Target: DNA/RNA Synthesis; Nucleoside Antimetabolite/Analog

Pathway: Cell Cycle/DNA Damage

Storage: 4°C, sealed storage, away from moisture and light
* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (300.97 mM; Need ultrasonic)

Preparing Stock Solutions	Mass / Solvent / Concentration	1 mg	5 mg	10 mg
	1 mM	2.4078 mL	12.0389 mL	24.0778 mL
	5 mM	0.4816 mL	2.4078 mL	4.8156 mL
	10 mM	0.2408 mL	1.2039 mL	2.4078 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

5'-O-TBDMS-dG is a modified nucleoside. 5'-O-DMT-2'-O-TBDMS-rI can be used in the synthesis of deoxyribonucleic acid or nucleic acid. 7-TFA-ap-7-Deaza-dG is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAc) with molecules containing Azide groups.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA