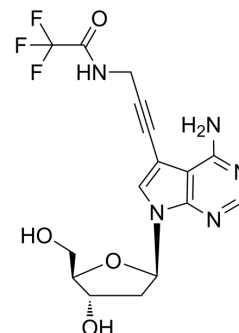


7-TFA-ap-7-Deaza-dA

Cat. No.:	HY-138590
CAS No.:	178420-75-2
Molecular Formula:	C ₁₆ H ₁₆ F ₃ N ₅ O ₄
Molecular Weight:	399.32
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 : 250 mg/mL (626.06 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.5043 mL	12.5213 mL	25.0426 mL
	5 mM	0.5009 mL	2.5043 mL	5.0085 mL
	10 mM	0.2504 mL	1.2521 mL	2.5043 mL

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

BIOLOGICAL ACTIVITY

Description

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

Caution: Product has not been fully validated for medical applications. For research use only.

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