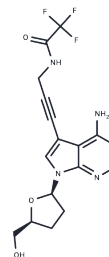


7-TFA-ap-7-Deaza-ddA

Chemical Properties

CAS No. :	114748-71-9
Formula:	C16H16F3N5O3
Molecular Weight:	383.331
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	7-TFA-ap-7-Deaza-ddA (compound 19c, US20060281100A1), a nucleotide derivative, is appropriate for synthesizing thiotriphosphate nucleotide dye terminators used in DNA sequencing reactions.
Targets(IC50)	Nucleoside Antimetabolite/Analog, Others, DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6087 mL	13.0436 mL	26.0872 mL
5 mM	0.5217 mL	2.6087 mL	5.2174 mL
10 mM	0.2609 mL	1.3044 mL	2.6087 mL
50 mM	0.0522 mL	0.2609 mL	0.5217 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Shen G, et, al. Thiotriphosphate nucleotide dye terminators. US20060281100A1.

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