## Data Sheet (Cat.No.T38531)



## 7-TFA-ap-7-Deaza-ddG

Chemical Properties					
CAS No. :	114748-68-4				
Formula:	C16H16F3N5O4				
Molecular Weight:	399.33				
Appearance: 🦲	no data available				
Storage:	keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year				

<b>Biological Description</b>	
Description	7-TFA-ap-7-Deaza-ddG (compound 19d, US20060281100A1), is a nucleotide derivative employed in the production of thiotriphosphate nucleotide dye terminators. These
	terminators are utilized in DNA sequencing reactions.

## **Preparing Stock Solutions**

	1mg	5mg	10mg
1 mM	2.5042 mL	12.521 mL	25.0419 mL
5 mM 👝	0.5008 mL	2.5042 mL	5.0084 mL
10 mM	0.2504 mL	1.2521 mL	2.5042 mL
50 mM	0.0501 mL	0.2504 mL	0.5008 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.

## Reference

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

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