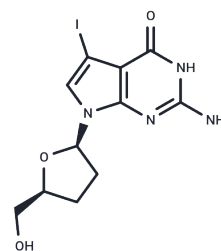


## 7-Iodo-2',3'-dideoxy-7-deaza-guanosine

## Chemical Properties

CAS No. :	114748-67-3
Formula:	C <sub>11</sub> H <sub>13</sub> N <sub>4</sub> O <sub>3</sub>
Molecular Weight:	376.15
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	7-Iodo-2',3'-dideoxy-7-deaza-guanosine is a dideoxynucleoside compound used in DNA synthesis and sequencing reactions.
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others,DNA/RNA Synthesis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6585 mL	13.2926 mL	26.5851 mL
5 mM	0.5317 mL	2.6585 mL	5.317 mL
10 mM	0.2659 mL	1.3293 mL	2.6585 mL
50 mM	0.0532 mL	0.2659 mL	0.5317 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

Gene Shen, et al. Thiotriphosphate nucleotide dye terminators for use in nucleic acid sequencing. US20060281100A1.

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