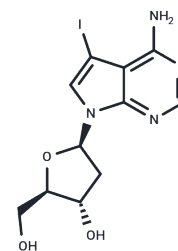


## 7-Deaza-2'-deoxy-7-iodoadenosine

## Chemical Properties

CAS No. :	166247-63-8
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-Deaza-2'-deoxy-7-iodoadenosine is a modified nucleotide featuring 7-Deazaadenine.
Targets(IC50)	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

Frank Seela, et al. Oligonucleotides Containing 7-Deazaadenines: The Influence of the 7-Substituent Chain Length and Charge on the Duplex Stability. Research Article

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