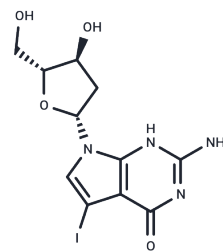


7-Iodo-7-deaza-2'-deoxyguanosine

Chemical Properties

CAS No. : 172163-62-1
Formula: C₁₁H₁₃N₄O₄
Molecular Weight: 392.15
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	7-Iodo-7-deaza-2'-deoxyguanosine (7-Deaza-7-Iodo-2'-dG) is a deoxyguanosine derivative suitable for applications in DNA synthesis and sequencing reactions.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.550 mL	12.7502 mL	25.5004 mL
5 mM	0.510 mL	2.550 mL	5.1001 mL
10 mM	0.255 mL	1.275 mL	2.550 mL
50 mM	0.051 mL	0.255 mL	0.510 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

Ronald Graham, et al. Nucleotide cleavable linkers and uses thereof. WO2020146397A1.

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