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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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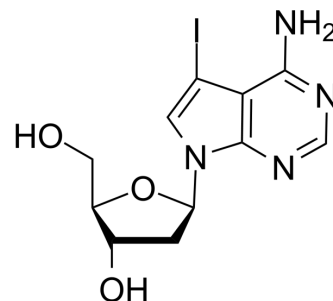
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7-Deaza-2'-deoxy-7-iodoadenosine

Cat. No.:	HY-W048490		
CAS No.:	166247-63-8		
Molecular Formula:	C ₁₁ H ₁₃ IN ₄ O ₃		
Molecular Weight:	376.15		
Target:	DNA/RNA Synthesis		
Pathway:	Cell Cycle/DNA Damage		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (132.93 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.6585 mL	13.2926 mL	26.5851 mL
	5 mM	0.5317 mL	2.6585 mL	5.3170 mL
	10 mM	0.2659 mL	1.3293 mL	2.6585 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (6.65 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (6.65 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (6.65 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

7-Deaza-2'-deoxy-7-iodoadenosine is a modified oligonucleotide containing 7-Deazaadenine^[1].

REFERENCES

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

Caution: Product has not been fully validated for medical applications. For research use only.

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