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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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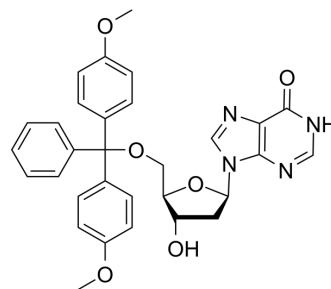
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DMT-dI

Cat. No.:	HY-W010744
CAS No.:	93778-57-5
Molecular Formula:	C ₃₁ H ₃₀ N ₄ O ₆
Molecular Weight:	554.59
Target:	Nucleoside Antimetabolite/Analog
Pathway:	Cell Cycle/DNA Damage
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 125 mg/mL (225.39 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		1.8031 mL	9.0157 mL	18.0313 mL
		5 mM		0.3606 mL	1.8031 mL	3.6063 mL
		10 mM		0.1803 mL	0.9016 mL	1.8031 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (3.75 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (3.75 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (3.75 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	DMT-dI (5'-O-DMT-dI) is a deoxyuridine which can be used in the preparation of convertible nucleoside derivatives ^[1] .
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REFERENCES

[1]. Mahesh K. Lakshman, et al. Convertible nucleoside derivatives. WO2008045535A2.

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

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