



SZABO SCANDIC

Part of Europa Biosite

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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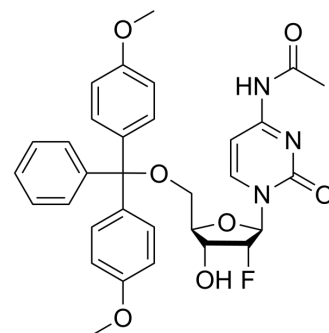
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5'-O-DMT-N4-Ac-2'-F-dC

Cat. No.: HY-138602
CAS No.: 159414-98-9
Molecular Formula: C₃₂H₃₂FN₃O₇
Molecular Weight: 589.61
Target: DNA/RNA Synthesis; 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 : 250 mg/mL (424.01 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		1.6960 mL	8.4802 mL	16.9604 mL
		5 mM		0.3392 mL	1.6960 mL	3.3921 mL
		10 mM		0.1696 mL	0.8480 mL	1.6960 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 (3.53 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (3.53 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (3.53 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	5'-O-DMT-N4-Ac-2'-F-dC is a modified nucleoside and can be used to synthesize DNA or RNA.
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Caution: Product has not been fully validated for medical applications. For research use only.

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