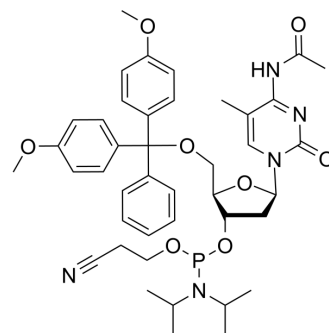


5-Me-dC(Ac) amidite

Cat. No.:	HY-W570884
CAS No.:	1873306-74-1
Molecular Formula:	C ₄₂ H ₅₂ N ₅ O ₈ P
Molecular Weight:	785.86
Target:	DNA/RNA Synthesis
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 : 100 mg/mL (127.25 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	1.2725 mL	6.3625 mL	12.7249 mL
				5 mM	0.2545 mL	1.2725 mL	2.5450 mL
				10 mM	0.1272 mL	0.6362 mL	1.2725 mL
Please refer to the solubility information to select the appropriate solvent.							
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (3.18 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	5-Me-dC(Ac) amidite is used for synthesizing DNA or RNA ^[1] .
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REFERENCES

[1]. Turner J. Spermine Phosphoramidite: A potent modification with many applications.

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

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