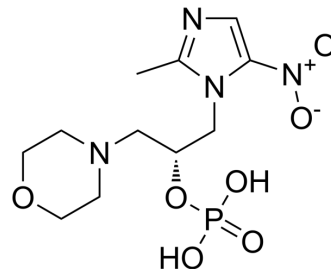


Dextrorotation nimorazole phosphate ester

Cat. No.:	HY-18716		
CAS No.:	1124347-33-6		
Molecular Formula:	C ₁₁ H ₁₉ N ₄ O ₇ P		
Molecular Weight:	350.26		
Target:	Bacterial; Parasite		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 32 mg/mL (91.36 mM)
 * "≥" means soluble, but saturation unknown.

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.8550 mL	14.2751 mL	28.5502 mL
5 mM	0.5710 mL	2.8550 mL	5.7100 mL
10 mM	0.2855 mL	1.4275 mL	2.8550 mL

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

BIOLOGICAL ACTIVITY

Description

Dextrorotation nimorazole phosphate ester is an anti-anaerobic and anti-parasitic agent. Target: Antibacterial, Antiparasitic. Dextrorotatory morpholine ornidazole organic phosphate is a newly developed, highly efficient, good tolerated, fourth-generation nitroimidazole derivative.

REFERENCES

[1]. Su Hongjun, Medical composition containing morpholine azomycin phosphate, its formulation and application to prepare the medical preparations as anti-anaerobic bacteria agent, antitrichomonal agent and antiamebic agent

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

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