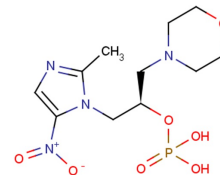


Dextrorotation nimorazole phosphate ester

**Chemical Properties**

CAS No.:	1124347-33-6
Formula:	C <sub>11</sub> H <sub>19</sub> N <sub>4</sub> O <sub>7</sub> P
Molecular Weight:	350.26
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	Dextrorotation nimorazole phosphate ester is an anti-anaerobic and anti-parasitic agent. D-morpholine ornidazole organic phosphate is a newly developed, highly efficient, well-tolerated fourth-generation nitroimidazole derivative. Objective: Antibacterial and antiparasitic.
Targets(IC <sub>50</sub> )	Others: None

**Solubility Information**

Solubility	DMSO: 32 mg/mL (91.36 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.855 mL	14.275 mL	28.55 mL
5 mM	0.571 mL	2.855 mL	5.71 mL
10 mM	0.286 mL	1.428 mL	2.855 mL
50 mM	0.057 mL	0.286 mL	0.571 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

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

Inhibitors · Natural Compounds · Compound Libraries

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