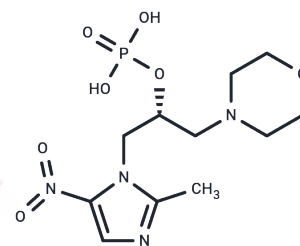


## Dextrorotation nimorazole phosphate ester

## 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: no data available  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

Description	Dextrorotation nimorazole phosphate ester is an anti-anaerobic and anti-parasitic agent. D-morpholine ornidazole organic phosphate, a highly efficient and well-tolerated fourth-generation nitroimidazole derivative, has been newly developed for antibacterial purposes.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 32 mg/mL (91.36 mM), Sonication is recommended. (< 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	14.2751 mL	28.5502 mL
5 mM	0.571 mL	2.855 mL	5.710 mL
10 mM	0.2855 mL	1.4275 mL	2.855 mL
50 mM	0.0571 mL	0.2855 mL	0.571 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

## Reference

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

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