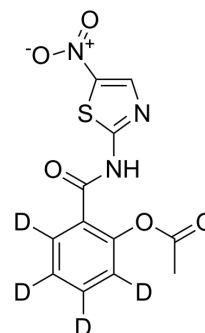


## Nitazoxanide-d<sub>4</sub>

<b>Cat. No.:</b>	HY-B0217S		
<b>CAS No.:</b>	1246819-17-9		
<b>Molecular Formula:</b>	C <sub>12</sub> H <sub>5</sub> D <sub>4</sub> N <sub>3</sub> O <sub>5</sub> S		
<b>Molecular Weight:</b>	311.31		
<b>Target:</b>	Influenza Virus		
<b>Pathway:</b>	Anti-infection		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : ≥ 100 mg/mL (321.22 mM)  
 \* "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.2122 mL	16.0612 mL	32.1223 mL
	5 mM	0.6424 mL	3.2122 mL	6.4245 mL
	10 mM	0.3212 mL	1.6061 mL	3.2122 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Nitazoxanide-d<sub>4</sub> is the deuterium labeled Nitazoxanide, which is an antiprotozoal agent.

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

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