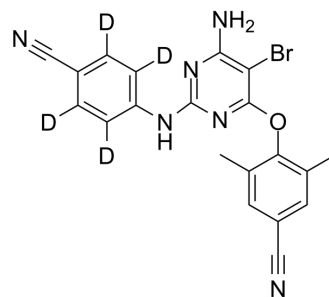


Etravirine-d₄

Cat. No.:	HY-90005S
CAS No.:	1142095-93-9
Molecular Formula:	C ₂₀ H ₁₁ D ₄ BrN ₆ O
Molecular Weight:	439.3
Target:	Reverse Transcriptase; HIV
Pathway:	Anti-infection
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 250 mg/mL (569.09 mM; Need ultrasonic)																					
	<table border="1"> <thead> <tr> <th rowspan="2">Solvent</th> <th rowspan="2">Mass</th> <th colspan="3">Concentration</th> </tr> <tr> <th>1 mg</th> <th>5 mg</th> <th>10 mg</th> </tr> </thead> <tbody> <tr> <td rowspan="3">Preparing Stock Solutions</td> <td>1 mM</td> <td>2.2763 mL</td> <td>11.3817 mL</td> <td>22.7635 mL</td> </tr> <tr> <td>5 mM</td> <td>0.4553 mL</td> <td>2.2763 mL</td> <td>4.5527 mL</td> </tr> <tr> <td>10 mM</td> <td>0.2276 mL</td> <td>1.1382 mL</td> <td>2.2763 mL</td> </tr> </tbody> </table>	Solvent	Mass	Concentration			1 mg	5 mg	10 mg	Preparing Stock Solutions	1 mM	2.2763 mL	11.3817 mL	22.7635 mL	5 mM	0.4553 mL	2.2763 mL	4.5527 mL	10 mM	0.2276 mL	1.1382 mL	2.2763 mL
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	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: ≥ 2.08 mg/mL (4.73 mM); Clear solution																					

BIOLOGICAL ACTIVITY

Description	Etravirine-d ₄ is the deuterium labeled Etravirine. Etravirine is a non-nucleoside reverse transcriptase inhibitor (NNRTI) used for the treatment of HIV.
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Caution: Product has not been fully validated for medical applications. For research use only.

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