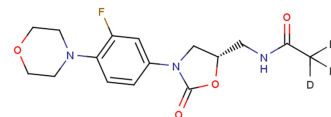


## Linezolid D3

**Chemical Properties**

CAS No.:	1127120-38-0
Formula:	C <sub>16</sub> H <sub>17</sub> D <sub>3</sub> FN <sub>3</sub> O <sub>4</sub>
Molecular Weight:	340.36
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	Linezolid D3 is a deuterium labeled Linezolid. Linezolid is a synthetic antibiotic that acts by inhibiting the initiation of bacterial protein synthesis.
Targets(IC <sub>50</sub> )	Others: None

**Solubility Information**

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.938 mL	14.69 mL	29.381 mL
5 mM	0.588 mL	2.938 mL	5.876 mL
10 mM	0.294 mL	1.469 mL	2.938 mL
50 mM	0.059 mL	0.294 mL	0.588 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. Perry CM, Jarvis B. Linezolid: a review of its use in the management of serious gram-positive infections. *Drugs*. 2001;61(4):525-51.

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