

Ozenoxacin-D3

Chemical Properties

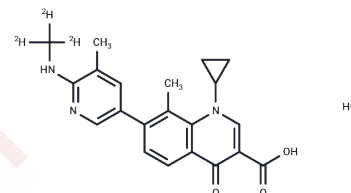
CAS No. :

Formula: C₂₁H₁₉D₃ClN₃O₃

Molecular Weight: 402.89

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description

Ozenoxacin-D3 is a deuterated compound of Ozenoxacin. Ozenoxacin (T7902) has a CAS number of 245765-41-7. Ozenoxacin (T7902) is a novel quinolone-class antibiotic that exhibits activity against the majority of microorganisms isolated from skin and soft tissue infections.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4821 mL	12.4103 mL	24.8207 mL
5 mM	0.4964 mL	2.4821 mL	4.9641 mL
10 mM	0.2482 mL	1.241 mL	2.4821 mL
50 mM	0.0496 mL	0.2482 mL	0.4964 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- López Y, et al. In vitro activity of Ozenoxacin against quinolone-susceptible and quinolone-resistant gram-positive bacteria. Antimicrob Agents Chemother. 2013 Dec;57(12):6389-92.

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