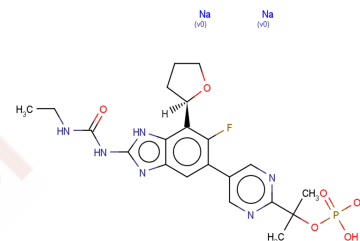


Fobrepodacin disodium

Chemical Properties

CAS No. :	1384984-20-6
Formula:	C ₂₁ H ₂₆ FN ₆ Na ₂ O ₆ P
Molecular Weight:	554.427
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	SPR720 disodium is an orally active and potent phosphate VXC-486 prodrug, has potent bactericidal activities in vivo.
Targets(IC50)	Others, Antibacterial
In vivo	SPR720 disodium reduces the mycobacterial burden in a model of chronic tuberculosis infection in mice, and improves the bactericidal activities of antimycobacterial drugs[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8037 mL	9.0183 mL	18.0365 mL
5 mM	0.3607 mL	1.8037 mL	3.6073 mL
10 mM	0.1804 mL	0.9018 mL	1.8037 mL
50 mM	0.0361 mL	0.1804 mL	0.3607 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

Locher CP, et al. A novel inhibitor of gyrase B is a potent drug candidate for treatment of tuberculosis and nontuberculosis mycobacterial infections. *Antimicrob Agents Chemother.* 2015 Mar;59(3):1455-65.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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