

Product Data Sheet

Product Name: Fobrepodacin disodium

Cat. No.: GC70739

Chemical Properties

Cas. No. 1384984-20-6

Formula $C_{21}H_{24}FN_6Na_2O_6P$

M.Wt 552.4

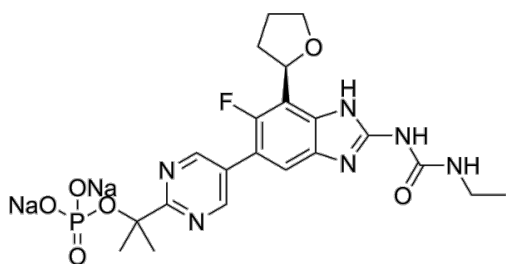
Solubility DMSO : 5 mg/mL (9.05 mM);
ultrasonic and adjust pH to 3 with
HCl; Hygroscopic DMSO has a
significant impact on the solubility of
product, please use newly opened
DMSO)

Storage 4°C, sealed storage, away from
moisture

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the
ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or
blue ice upon request.

Structure



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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

Background

Fobrepodacin (SPR720) disodium is an orally active and potent phosphate proagent of SPR719 (VXc-486;). Fobrepodacin disodium has potent bactericidal activities in vivo.

Fobrepodacin disodium (oral gavage; 10, 30, 100 mg/kg; once per day; 5 times per week for 4 weeks) reduces the mycobacterial burden in a model of chronic tuberculosis infection in mice^[1]. Fobrepodacin disodium (oral; 100 mg/kg; once per day; 5 days per week, for 8 weeks) improves the bactericidal activities of antimycobacterial drugs^[1].

References:

[1]. 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.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA