

Product Data Sheet

Product Name: SPR719

Cat. No.: GC61291

Chemical Properties

Cas. No. 1384984-18-2

SMILES O=C(NC1=NC2=CC(C3=CN=C(C(C)(O)C)N=C3)=C(F)C([C@@H]4OCCC4)=C2N1)NC

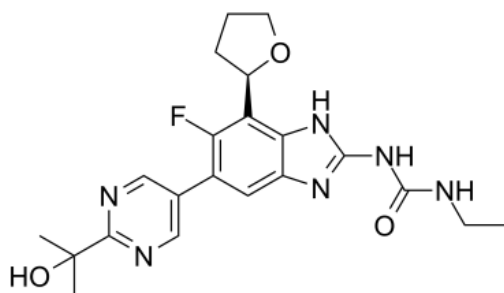
Formula $C_{21}H_{25}FN_6O_3$ M.Wt 428.46

Solubility DMSO : 20 mg/mL (46.68 mM);
ultrasonic and adjust pH to 2 with
HCl) Storage Store at -20°C

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



Background

SPR719 (VXc-486) is a gyrase B inhibitor, with bactericidal activity. SPR719 potently inhibits multiple drug-sensitive isolates and drug-resistant isolates of *Mycobacterium tuberculosis*, with MICs of 0.03

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

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to 0.30 µg/ml and 0.08 to 5.48 µg/ml, respectively[1].

[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.

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