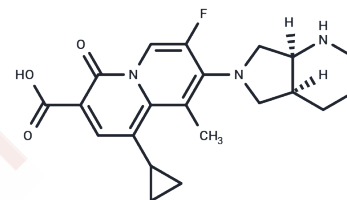


ABT-255

Chemical Properties

CAS No. : 186293-38-9
 Formula: C₂₁H₂₄FN₃O₃
 Molecular Weight: 385.43
 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	ABT-255 is a novel 2-pyridone antimicrobial agent for the treatment of tuberculosis. Both drug-sensitive and drug-resistant strains of Mycobacterium tuberculosis showed efficacy in vitro and in vivo.
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5945 mL	12.9725 mL	25.945 mL
5 mM	0.5189 mL	2.5945 mL	5.189 mL
10 mM	0.2595 mL	1.2973 mL	2.5945 mL
50 mM	0.0519 mL	0.2595 mL	0.5189 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

- Segreti JA, Polakowski JS, Koch KA, Marsh KC, Bauch JL, Rosenberg SH, Sham HL, Cox BF, Reinhart GA. Tumor selective antivasular effects of the novel antimitotic compound ABT-751: an in vivo rat regional hemodynamic study. *Cancer Chemother Pharmacol.* 2004 Sep;54(3):273-81. Epub 2004 Jun 2. PubMed PMID: 15173957.
- Tomioka H. [Prospects for development of new antituberculous drugs]. *Kekkaku.* 2002 Aug;77(8):573-84. Japanese. PubMed PMID: 12235850.
- Oleksijew A, Meulbroek J, Ewing P, Jarvis K, Mitten M, Paige L, Tovcimak A, Nukkula M, Chu D, Alder JD. In vivo efficacy of ABT-255 against drug-sensitive and -resistant Mycobacterium tuberculosis strains. *Antimicrob Agents Chemother.* 1998 Oct;42(10):2674-7. PubMed PMID: 9756775; PubMed Central PMCID: PMC105917.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481