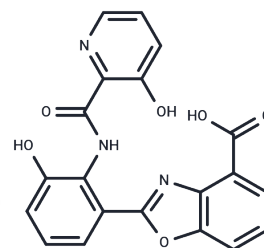


A 33853

Chemical Properties

CAS No. : 80148-45-4
 Formula: C₂₀H₁₃N₃O₆
 Molecular Weight: 391.33
 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	A 33853 is an antibiotic isolated from culture broth of Streptomyces sp.
Targets(IC50)	Others,Antibacterial,Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5554 mL	12.7769 mL	25.5539 mL
5 mM	0.5111 mL	2.5554 mL	5.1108 mL
10 mM	0.2555 mL	1.2777 mL	2.5554 mL
50 mM	0.0511 mL	0.2555 mL	0.5111 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

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- Tipparaju SK, Joyasawal S, Pieroni M, Kaiser M, Brun R, Kozikowski AP. In pursuit of natural product leads: synthesis and biological evaluation of 2-[3 hydroxy-2-[(3-hydroxypyridine-2-carbonyl)amino]phenyl]benzoxazole-4-carboxylic acid (A-33853) and its analogues: discovery of N-(2-benzoxazol-2-ylphenyl)benzamides as novel antileishmanial chemotypes. *J Med Chem*. 2008 Dec 11;51(23):7344-7. doi: 10.1021/jm801241n. PubMed PMID: 18989953.
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