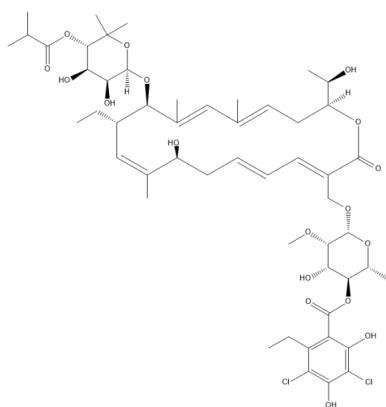


Data Sheet

Product Information

Catalog Number	BP22568
Product Name	Fidaxomicin
Description	Fidaxomicin (OPT-80), a macrocyclic antibiotic, is an orally active and potent RNA polymerase inhibitor. Fidaxomicin has a narrow spectrum of antibacterial activity and a good anti-Clostridium difficile activity (MIC90=0.12 µg/mL). Fidaxomicin can be used for Clostridium difficile infection (CDI) research.
In vitro	Fidaxomicin selectively eradicates pathogenic Clostridium difficile with minimal disruption to the multiple species of bacteria that make up the normal, healthy intestinal flora. Fidaxomicin is not inhibitory to commonly cultured bowel commensals (MIC90 >1024 µg/mL).
In vivo	Fidaxomicin (0-5 mg/kg, Orally, once a day for 5 days) completely prevents the lethality of the animals and prevents the occurrence of relapses in a hamster model for pseudomembranous colitis.
Synonyms	OPT-80; PAR-101
CAS No.	873857-62-6
Chemical Formula	C52H74Cl2O18
Molecular Weight	1058.04
	H2O: 50 mg/mL (100.50 mM, Need ultrasonic)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year

Chemical Structure
OR
Tested Image



Purdue Bioscience Inc.

750 50th St, Brooklyn, NY 11220, USA

<https://www.purduebio.com>

1-877.618.7311

info@purduebio.com

v2 Revision on 12/28/2022