

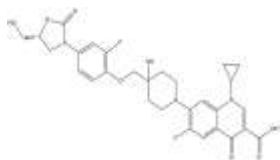
## PRODUCT: Cadazolid

**ALTERNATE NAME:** 1-cyclopropyl-6-fluoro-7-[4-[[2-fluoro-4-[(5R)-5-(hydroxymethyl)-2-oxo-3-oxazolidinyl]phenoxy]methyl]-4-hydroxy-1-piperidinyl]-1-4-dihydro-4-oxo-3-quinolinecarboxylic acid; ACT-179811

**CATALOG #:** B2293-5,25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>29</sub>H<sub>29</sub>F<sub>2</sub>N<sub>3</sub>O<sub>8</sub>

**MOLECULAR WEIGHT:** 585.6

**CAS NUMBER:** 1025097-10-2

**APPEARANCE:** Crystalline solid

**SOLUBILITY:** DMSO (~20 mg/ml)

**PURITY:** ≥98% by HPLC

**STORAGE:** Store at -20°C. Protect from air and light

**DESCRIPTION:** Cadazolid is a novel oxazolidinone antibiotic effective against multi-resistant, gram-positive bacteria. Cadazolid displays potent in vitro activity against *Clostridium difficile*, including the epidemic BI/NAP1/027 strain. The quinolone pharmacophore of cadazolid contributes to bacterial DNA synthesis inhibition.

**REFERENCES:** Locher, H.H., et al. (2014). *Antimicrob. Agents Chemother.* **58**, 892-900

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

### RELATED PRODUCTS:

Betulinic Acid (Cat. No. 1552-25)  
Bexarotene (Cat. No. 1575-5, 50)  
Camptothecin (Cat. No. 1039-1, 50MG, 500MG)  
10-Hydroxycamptothecin (Cat. No. B1995-50, 250)  
Capecitabine (Cat. No. 1741-100, 1000)  
Carboplatin (Cat. No. 1553-100)  
Cardazolid (Cat. No. B2293-5,25)  
Cisplatin (Cat. No. 1550-100,1000)  
Colchicine (Cat. No. 1519-1000)  
Daunorubicin.HCl (1524-10,50,500)  
Docetaxel (Cat. No. 2232-10, 50)  
Doxorubicin HCl (Cat. No. 1527-5)  
(-)-Epigallocatechin gallate (Cat. No. 1841-50)  
Epothilone B (Cat. No. 2012-1, 5)  
Fludarabine Phosphate (Cat. No. 1763-10, 50)  
Gemcitabine Hydrochloride (Cat. No. 1759-25, 100)  
Genistein (Cat. No. 1533-10)  
Lasalocid Sodium (Cat. No. B1587-5,25)  
Ilimaquinone (Cat. No. 2038-100)  
Nedaplatin (Cat. No. 1576-5)  
Nimustine hydrochloride (Cat. No. B2069-10, 50)  
Nocodazole (Cat. No. 2185-10, 50)  
Oxaliplatin (Cat. No. 1577-25)  
Piperlongumine (Cat. No. 1919-10, 50)  
Paclitaxel (Cat. No. 1567-25)  
Solamargine (Cat. No. B1586-5,25)  
Tamoxifen Citrate (Cat. No. 1551-1000)  
Vinorelbine Tartrate (Cat. No. 1957-5, 25)

**USAGE:** FOR RESEARCH USE ONLY! Not to be used in humans