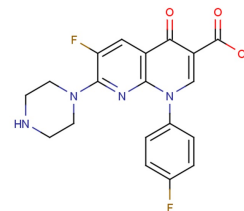


A7132

Chemical Properties

CAS No.:	100490-21-9
Formula:	C ₁₉ H ₁₆ F ₂ N ₄ O ₃
Molecular Weight:	386.35
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	A7132 is an antibacterial agent and possesses broad and potent antibacterial activity.
Targets(IC ₅₀)	Antibacterial: None
In vitro	A7132 (Compound 31) shows great oral activity against <i>S. aureus</i> NCTC 10649, <i>E. coli</i> Juhl and <i>P. aeruginosa</i> 5007 (MICs: 0.25, 0.05 and 0.39 µg/mL).

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.588 mL	12.942 mL	25.883 mL
5 mM	0.518 mL	2.588 mL	5.177 mL
10 mM	0.259 mL	1.294 mL	2.588 mL
50 mM	0.052 mL	0.259 mL	0.518 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Chu DT, et al. Synthesis and structure-activity relationships of new arylfluoronaphthyridine antibacterial agents. *J Med Chem.* 1986 Nov;29(11):2363-9.

Inhibitors · Natural Compounds · Compound Libraries

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:36 Washington Street,Wellesley Hills,MA 02481