

Product Data Sheet

Product Name: Balofloxacin

Cat. No.: GC17290

Chemical Properties

Cas. No. 127294-70-6

Chemical Name 1-cyclopropyl-6-fluoro-8-methoxy-7-[3-(methylamino)piperidin-1-yl]-4-oxoquinoline-3-carboxylic acid

SMILES CNC1CCCN(C1)C2=C(C=C3C(=C2OC)N(C=C(C3=O)C(=O)O)C4CC4)F

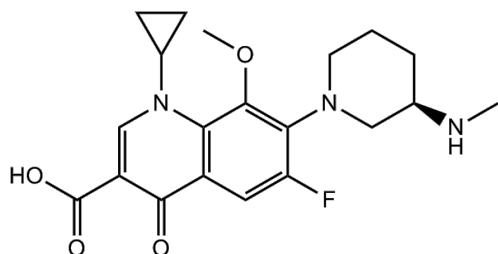
Formula C₂₀H₂₄FN₃O₄ M.Wt 389.42

Solubility DMF: 10 mg/ml, DMF:PBS(pH 7.2) (1:1): 0.5 mg/ml, DMSO: 1 mg/ml with warming Storage Store at -20°C, protect from light

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Balofloxacin is a quinolone antibiotic, inhibiting the synthesis of bacterial DNA by interference with the enzyme DNA gyrase[1].

References:

[1]. Alksne L. Balofloxacin Choongwae. Curr Opin Investig Drugs. 2003 Feb;4(2):224-9.

Caution: Product has not been fully validated for medical applications. For research use only.

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