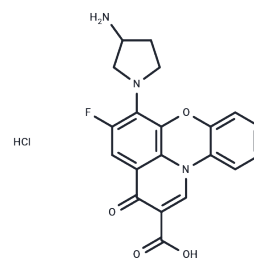


A 62176

Chemical Properties

CAS No. : 148201-53-0
 Formula: C₂₀H₁₇ClFN₃O₄
 Molecular Weight: 417.82
 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 62176 is a potent topoisomerase inhibitor with antineoplastic activity.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3934 mL	11.9669 mL	23.9338 mL
5 mM	0.4787 mL	2.3934 mL	4.7868 mL
10 mM	0.2393 mL	1.1967 mL	2.3934 mL
50 mM	0.0479 mL	0.2393 mL	0.4787 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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Fan JY, Sun D, Yu H, Kerwin SM, Hurley LH. Self-assembly of a quinobenzoxazine-Mg²⁺ complex on DNA: a new paradigm for the structure of a drug-DNA complex and implications for the structure of the quinolone bacterial gyrase-DNA complex. *J Med Chem.* 1995 Feb 3;38(3):408-24. PubMed PMID: 7853333.

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