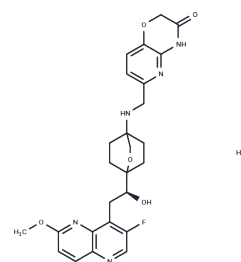


AM-8191 HCl

Chemical Properties

CAS No. :	1417548-17-4
Formula:	C ₂₆ H ₂₉ ClFN ₅ O ₅
Molecular Weight:	545.99
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	AM-8191, a bacterial topoisomerase inhibitors, has broad-spectrum antibacterial activity.
Targets(IC50)	Others, Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8315 mL	9.1577 mL	18.3154 mL
5 mM	0.3663 mL	1.8315 mL	3.6631 mL
10 mM	0.1832 mL	0.9158 mL	1.8315 mL
50 mM	0.0366 mL	0.1832 mL	0.3663 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

Singh SB, Kaelin DE, Wu J, Miesel L, Tan CM, Meinke PT, Olsen DB, Lagrutta A, Wei C, Liao Y, Peng X, Wang X, Fukuda H, Kishii R, Takei M, Yajima M, Shibue T, Shibata T, Ohata K, Nishimura A, Fukuda Y. Structure activity relationship of pyridoxazinone substituted RHS analogs of oxabicyclooctane-linked 1,5-naphthyridinyl novel bacterial topoisomerase inhibitors as broad-spectrum antibacterial agents (Part-6). *Bioorg Med Chem Lett*. 2015 Sep 1;25(17):3636-43. doi: 10.1016/j.bmcl.2015.06.057. Epub 2015 Jun 19. PubMed PMID: 26141771.

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