

RU 44790

Chemical Properties

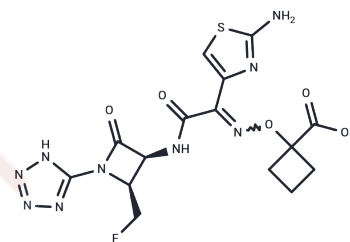
CAS No. : 110012-78-7

Formula: C₁₅H₁₆FN₉O₅S

Molecular Weight: 453.41

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	RU 44790 is a synthetic monocyclic beta-lactam antibiotics.
Targets(IC50)	Others,Antibacterial,Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2055 mL	11.0275 mL	22.0551 mL
5 mM	0.4411 mL	2.2055 mL	4.411 mL
10 mM	0.2206 mL	1.1028 mL	2.2055 mL
50 mM	0.0441 mL	0.2206 mL	0.4411 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

Chantot JF, Klich M, Teutsch G, Bryskier A, Collette P, Markus A, Seibert G. Antibacterial activity of RU44790, a new N-tetrazolyl monocyclic beta-lactam. Antimicrob Agents Chemother. 1992 Aug;36(8):1756-63. PubMed PMID: 1416860; PubMed Central PMCID: PMC192042.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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