

(S)-Tedizolid

Chemical Properties

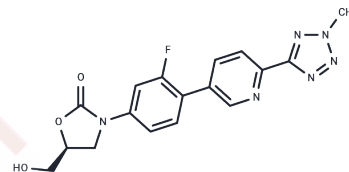
CAS No. : 1431699-67-0

Formula: C₁₇H₁₅FN₆O₃

Molecular Weight: 370.34

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	(S)-Tedizolid is the S-enantiomer of Tedizolid, a novel oxazolidinone with activity against Gram-positive pathogens.
Targets(IC50)	Others,Antibacterial,Antibiotic

Solubility Information

Solubility	DMSO: 100 mg/mL (270.02 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween-80+45% Saline: 4 mg/mL (10.8 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7002 mL	13.5011 mL	27.0022 mL
5 mM	0.540 mL	2.7002 mL	5.4004 mL
10 mM	0.270 mL	1.3501 mL	2.7002 mL
50 mM	0.054 mL	0.270 mL	0.540 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481