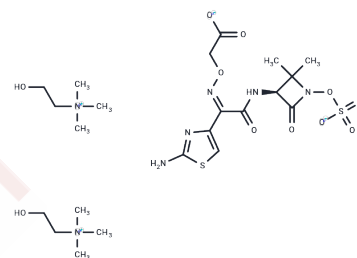


Tigemonam dicholine

Chemical Properties

CAS No. :	102916-21-2
Formula:	C22H41N7O11S2
Molecular Weight:	643.73
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	Tigemonam is an orally administered monocyclic β -lactam antibiotic effective at inhibiting many bacterial strains at concentrations of 1 microgram/ml or lower. It targets Escherichia coli, Klebsiella spp., Enterobacter aerogenes, Citrobacter diversus, Proteus spp., Providencia spp., Aeromonas hydrophila, Salmonella spp., Shigella spp., Serratia marcescens, and Yersinia enterocolitica.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5534 mL	7.7672 mL	15.5345 mL
5 mM	0.3107 mL	1.5534 mL	3.1069 mL
10 mM	0.1553 mL	0.7767 mL	1.5534 mL
50 mM	0.0311 mL	0.1553 mL	0.3107 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