

CP-5484

Chemical Properties

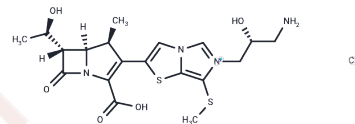
CAS No. : 352308-27-1

Formula: C₁₉H₂₅ClN₄O₅S₂

Molecular Weight: 489.01

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	Cp-5484 is a new kind of Quaternary carbapenem with strong anti MRSA activity and low acute toxicity.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0449 mL	10.2247 mL	20.4495 mL
5 mM	0.409 mL	2.0449 mL	4.0899 mL
10 mM	0.2045 mL	1.0225 mL	2.0449 mL
50 mM	0.0409 mL	0.2045 mL	0.409 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

Maruyama T, Yamamoto Y, Kano Y, Kurazono M, Matsuhisa E, Takata H, Takata T, Atsumi K, Iwamatsu K, Shitara E. CP5484, a novel quaternary carbapenem with potent anti-MRSA activity and reduced toxicity. *Bioorg Med Chem*. 2007 Oct 1;15(19):6379-87. Epub 2007 Jul 4. PubMed PMID: 17681767.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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