

A32390A

Chemical Properties

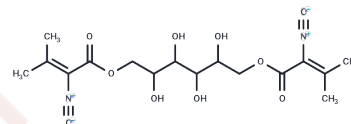
CAS No. : 61241-59-6

Formula: C₁₈H₂₄N₂O₈

Molecular Weight: 396.39

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	A32390A, an antibiotic inhibitor, shows antimicrobial activity against gram-positive bacteria and fungi.
Targets(IC50)	Others,Antibacterial,Hydroxylase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5228 mL	12.6138 mL	25.2277 mL
5 mM	0.5046 mL	2.5228 mL	5.0455 mL
10 mM	0.2523 mL	1.2614 mL	2.5228 mL
50 mM	0.0505 mL	0.2523 mL	0.5046 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

Turner JR, Butler TF, Gordee RS, Thakkar AL. A32390A, a new biologically active metabolite. III. In vitro and in vivo antifungal activity. J Antibiot (Tokyo). 1978 Jan;31(1):33-7. PubMed PMID: 342474.

Marconi GG, Molloy BB, Nagarajan R, Martin JW, Deeter JB, Occolowitz JL. A32390A, a new biologically active metabolite. II. Isolation and structure. J Antibiot (Tokyo). 1978 Jan;31(1):27-32. PubMed PMID: 627520.

Boeck LD, Hoehn MM, Sands TH, Wetzell RW. A32390A, a new biologically active metabolite. I. Discovery and fermentation studies. J Antibiot (Tokyo). 1978 Jan;31(1):19-26. PubMed PMID: 24033.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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