Data Sheet (Cat.No.TN3995)

TargetMol

Erythrabyssin II

Chemical Properties

CAS No. : 77263-06-0

Formula: C25H28O4

Molecular Weight: 392.495

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	Erythrabyssin II actives against several strains of Staphylococcus and Streptococcus with an MIC range of 0.78-1.56 microg/ml. It inhibits bacterial neuraminidase in a dose-dependent manner with significant inhibition (IC(50)=0.09-3.25 μM).
Targets(IC50)	Antifection

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5478 mL	12.7389 mL	25.4777 mL
5 mM	0.5096 mL	2.5478 mL	5.0955 mL
10 mM	0.2548 mL	1.2739 mL	2.5478 mL
50 mM	0.051 mL	0.2548 mL	0.5096 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