

Antibacterial agent 260

Chemical Properties

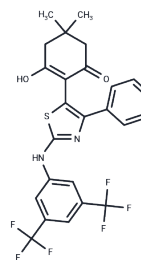
CAS No. :

Formula: C₂₅H₂₀F₆N₂O₂S

Molecular Weight: 526.494

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	Antibacterial agent 260 (Compound 4r) exhibits broad-spectrum antibacterial activity, effectively inhibiting <i>P. aeruginosa</i> and <i>S. aureus</i> with a minimum inhibitory concentration (MIC) of 0.0076 μ M. Additionally, Antibacterial agent 260 serves as a herbicide, hindering the growth of radish (<i>Raphanus sativus</i> L.) seed roots and stems.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8994 mL	9.4969 mL	18.9937 mL
5 mM	0.3799 mL	1.8994 mL	3.7987 mL
10 mM	0.1899 mL	0.9497 mL	1.8994 mL
50 mM	0.038 mL	0.1899 mL	0.3799 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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