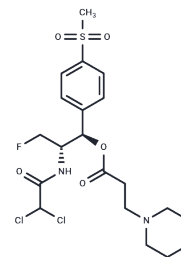


Florfenicol-propanoate-piperidin

Chemical Properties

CAS No. :	2975141-09-2
Formula:	C ₂₀ H ₂₇ Cl ₂ FN ₂ O ₅ S
Molecular Weight:	497.408
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	Florfenicol-propanoate-piperidin (Compound 1) is a derivative of Florfenicol. This compound exhibits antibacterial activity, effectively inhibiting strains such as <i>E. coli</i> ATCC25922, <i>Salmonella</i> CICC110420, <i>S. aureus</i> ATCC29213, <i>B. subtilis</i> CMCC(B)63501, <i>E. faecalis</i> ATCC29212, <i>S. suis</i> CVCC606, and <i>Haemophilus parasuis</i> , with a minimum inhibitory concentration (MIC) ranging from 2 to 8 μM.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0104 mL	10.0521 mL	20.1041 mL
5 mM	0.4021 mL	2.0104 mL	4.0208 mL
10 mM	0.201 mL	1.0052 mL	2.0104 mL
50 mM	0.0402 mL	0.201 mL	0.4021 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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