

## Anti-MRSA agent 23

## Chemical Properties

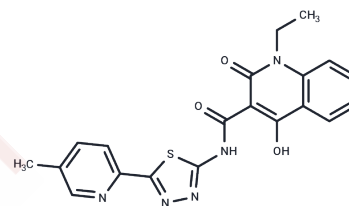
CAS No. : 2607085-75-4

Formula: C<sub>20</sub>H<sub>17</sub>N<sub>5</sub>O<sub>3</sub>S

Molecular Weight: 407.446

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	Anti-MRSA agent 23 (compound 11) is a potent agent against methicillin-resistant <i>Staphylococcus aureus</i> . This compound exhibits both antibacterial and antibiofilm properties. It facilitates the healing and reconstruction of MRSA-infected skin wounds by reducing bacterial load, alleviating inflammation, and promoting angiogenesis.
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4543 mL	12.2714 mL	24.5429 mL
5 mM	0.4909 mL	2.4543 mL	4.9086 mL
10 mM	0.2454 mL	1.2271 mL	2.4543 mL
50 mM	0.0491 mL	0.2454 mL	0.4909 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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