

## Anti-MRSA agent 32

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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 32 (Compound 26) is an orally active selective activator of the Staphylococcus aureus ClpP protease (SaClpP) with an EC50 of 0.98 $\mu$ M. By activating the SaClpP protease, it causes the abnormal degradation of bacterial proteins and inhibits the proliferation of Staphylococcus aureus. In a mouse skin infection model, Anti-MRSA agent 32 promotes wound healing. This compound holds potential for research in methicillin-resistant Staphylococcus aureus (MRSA) and other infectious diseases.
Targets(IC50)	Antibacterial

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