

PBP4-IN-1

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	PBP4-IN-1 (Compound 1) is an inhibitor targeting penicillin-binding protein 4 (PBP4) in Staphylococcus aureus. By inhibiting the function of PBP4, PBP4-IN-1 enhances the antibiotic activity against methicillin-resistant Staphylococcus aureus (MRSA) mediated by PBP2a. This compound is used in studies involving osteomyelitis caused by Staphylococcus aureus and in research aimed at reversing PBP4-mediated resistance to β -lactam antibiotics.
Targets(IC50)	Antibacterial

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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