

AMK-GX

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	AMK-GX (Immobilized Penicillin G acylase) is a stabilized form of penicillin acylase with enhanced temperature and pH resistance. It exhibits high recovery rates and maintains most of its original activity even after 12 cycles of use. AMK-GX catalyzes the conversion of Penicillin G (PG) into 6-aminopenicillanic acid (6-APA) and 7-amino-desacetoxycephalosporanic acid, which are crucial intermediates in the production of β -lactam antibiotics.
Targets(IC50)	Endogenous Metabolite

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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