Data Sheet (Cat.No.TRP-00621)

TargetMol

Lipase,Candida antarctica (Immobilized)

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	Lipase, Candida antarctica (Immobilized) is an immobilized lipase derived from Candida antarctica fraction B. It exhibits high stability and selectivity, making it widely used in chemical synthesis, modification of edible oils, and biodiesel production.
Targets(IC50)	Lipase
In vitro	Lipase, Candida antarctica (Immobilized), plays a crucial role in the synthesis of nucleoside drugs by catalyzing the regioselective acylation reactions between nucleosides and acyl donors of varying carbon chain lengths. Its catalytic performance is influenced by the position, size, and hydrophobicity of nucleoside substituents, as well as the chain length of the acyl donors.

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