Data Sheet (Cat.No.TRP-00858)

TargetMol

β-Hydroxybutyrate Dehydrogenase, Pseudomonas lemoignei

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	β-Hydroxybutyrate Dehydrogenase, Pseudomonas lemoignei (EC 1.1.1.30) is a soluble cytosolic enzyme that does not require phospholipid allosteric activators. It is essential for utilizing ketone bodies as a source of metabolic energy, catalyzing the oxidation of 3-hydroxybutyrate to acetoacetate. This reaction marks the initial step in the conversion of ketone bodies to citric acid, which is subsequently metabolized through the tricarboxylic acid cycle (Krebs cycle).
Targets(IC50)	Endogenous Metabolite

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