

L-Lactate dehydrogenase

Chemical Properties

CAS No. : 9001-60-9

Formula:

Molecular Weight:

Store at low temperature

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	L-Lactate dehydrogenase (LAD) is an oxidoreductase enzyme in the anaerobic metabolic pathway and the gluconeogenic pathway, and is found in a wide range of tissues in the body.
Targets(IC50)	Endogenous Metabolite

Reference

Simon ES, et al. D-lactate dehydrogenase. Substrate specificity and use as a catalyst in the synthesis of homochiral 2-hydroxy acids. Appl Biochem Biotechnol. 1989 Nov;22(2):169-79.

Holmberg N, et al. Redesign of the coenzyme specificity in L-lactate dehydrogenase from bacillus stearothermophilus using site-directed mutagenesis and media engineering. Protein Eng. 1999 Oct;12(10):851-6.

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