

Glutamate dehydrogenase (NAD(P))

Chemical Properties

CAS No. : 9029-12-3

Formula:

Molecular Weight:

Storage: Store at low temperature, Keep away from moisture
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	Glutamate dehydrogenase NAD(P) (GLDH), a mitochondrial enzyme found in hepatocytes, renal tissue, brain, muscle, and intestinal cells, catalyzes the reversible oxidative deamination of glutamate to α -ketoglutarate (α -KG), playing a critical role in the urea cycle [1], and is frequently utilized in biochemical research.
Targets(IC50)	Mitochondrial Metabolism

Reference

Smith HQ, et al. Glutamate Dehydrogenase, a Complex Enzyme at a Crucial Metabolic Branch Point. Neurochem Res. 2019 Jan;44(1):117-132.

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