

Pyruvate carboxylase

Chemical Properties

CAS No. : 9014-19-1

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	Pyruvate carboxylase, a biotin-containing enzyme, catalyzes the carboxylation of pyruvate to oxaloacetate, a reaction dependent on HCO ₃ ⁻ and MgATP. This enzyme is crucial for regulating whole-body energetics, influencing gluconeogenesis in the liver, fatty acid synthesis in adipocytes, and insulin secretion in pancreatic β -cells [1] [2].
Targets(IC50)	Endogenous Metabolite

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