

Phosphoenolpyruvate carboxylase

Chemical Properties

CAS No. : 9067-77-0

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	Phosphoenolpyruvate carboxylase (PEPC) is an enzyme that irreversibly catalyzes the conversion of phosphoenolpyruvate and bicarbonate to oxaloacetate and inorganic phosphorus in the presence of Mg ²⁺ . It is essential for the primary assimilation of CO ₂ in Crassulacean acid metabolism plants and significantly influences the diurnal rhythm of plant metabolism [1] [2].
Targets(IC50)	Others

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