

Acetylpyruvic Acid

Art. ID TRC-A163940-1G
Unit 1 g
Deliverydetails No Dangerous Good

Description

Category: Aliphatics, Diagnostic, /// Application Notes: Acetylpyruvic acid is a derivative of pyruvic acid (P998900) which is an intermediate in sugar metabolism and in enzymatic carbohydrate degradation (alcoholic fermentation) where it is converted to acetaldehyde and CO₂ by carboxylase. In muscle, Pyruvic acid (derived from glycogen) is reduced to lactic acid during exertion, which is reoxidized and partially retransformed to glycogen during rest. The liver can convert Pyruvic acid to alanine by amination. A diagnostic agent for Parkinson disease. /// References: Wenzel, A., et al.: J. Neurosci., 21, 53 (2001), Martinez., et al.: Development, 6, 851 (2002), Nakayama, K., et al.: J. Biochem., 146, 757 (2009), Tanaka, T., et al.: J. Pharmacol. Sci., 109, 24 (2009)

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Acetylpyruvic Acid	[5699-58-1]				