

## **Acetylpyruvic Acid**

Art. ID TRC-A163940-100MG  
Unit 100 mg  
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 CO<sub>2</sub> 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]				