

ACO Assay Kit (UV Spectrophotometry)

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder -20°C for 3 years
In solvent -80°C for 2 years

Actual storage temperature shall be subject to the COA.

Biological Description

Description

Aconitase (ACO) is an enzyme in the tricarboxylic acid cycle that catalyzes the conversion of citric acid to isocitric acid. Citric acid itself is not easily oxidized. Under the action of aconitase, through dehydration and hydration reactions, the hydroxyl group is transferred from the β -carbon atom to the α -carbon atom, generating isocitric acid which is easy to be dehydrogenated and oxidized, preparing for further oxidative decarboxylation reactions.

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