

CSL Assay Kit (Microanalysis)

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

Cysteinyl sulfoxide lyase (CSL), commonly known as alliinase, is widely found in *Allium* genus plants of the Liliaceae family (such as garlic and onions), *Brassica* genus plants of the Brassicaceae family (such as cabbage, cauliflower, and broccoli), and *Acacia* genus plants of the Fabaceae family. Lentic acid is converted into lenthionine under the action of γ -glutamyl transpeptidase and cysteinyl sulfoxide lyase, producing pyruvate, acetaldehyde, formaldehyde, and NH_3 . CSL is one of the key enzymes in endogenous formaldehyde production, and measuring its activity is of great significance for food safety research.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481