

## Betaine 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

Betaine is a quaternary ammonium water-soluble alkaloid widely distributed in animals, plants, and microorganisms. It is an oxidation product of choline within organisms. Betaine can enhance immunity, reduce blood lipids, act as an antioxidant, and combat tumors. It can also serve as a methyl donor, participating in and promoting animal protein and fat metabolism, improving appetite, mitigating stress, regulating osmotic pressure, stabilizing vitamins, among other biological functions. It has relatively wide applications in the chemical, pharmaceutical, and food additive industries.

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