

Malondialdehyde 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	Malondialdehyde (MDA), a terminal product of lipid peroxidation, affects mitochondrial respiratory chain complexes and the activities of key mitochondrial enzymes in vitro. MDA is one of the most important products of membrane lipid peroxidation, and its formation further aggravates membrane damage. Therefore, in studies of plant senescence physiology and stress resistance physiology, MDA content is commonly used as an indicator. Measuring MDA allows assessment of the extent of membrane lipid peroxidation, thereby indirectly evaluating the degree of damage to membrane systems and the stress tolerance of plants.
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