

MALONATE

Meaning: Malonate is a chemical compound derived from malonic acid, often used as an intermediate in organic synthesis and reactions to enhance product yields.

1. The chemist decided to synthesize a new compound using malonate as a key intermediate.
2. During the experiment, malonate was added to the reaction mixture to boost the yield of the desired product.
3. Malonate plays a crucial role in the metabolic pathways of many organisms, particularly in the citric acid cycle.
4. Researchers found that the presence of malonate significantly inhibited the enzyme's activity in their studies.
5. The team explored various methods to derive energy from malonate in their quest for sustainable biofuels.

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