Product Datasheet

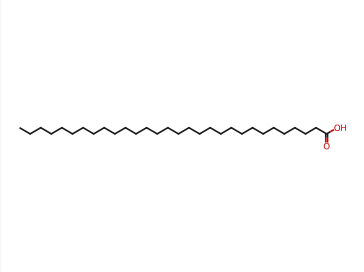
Melissic acid

Catalog No. **BP-08917** · CAS **506-50-3** · Form **free base** · Physical state **solid** · Color **White to off-white** · Version **1.0** · Revision **2026-11-16**

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Molecular formula	$C_{30}H_{60}O_2$
Molecular weight	**452.8080**

STRUCTURE



DESCRIPTION

Melissic acid, which belongs to the category of long-chain saturated fatty acids. It is a 30-carbon straight-chain fatty acid found in a variety of natural sources, including beeswax and coconut oil. Due to its unique physical properties, such as high melting point and viscosity, Melissic acid has a variety of uses in industry. It can be used as a lubricant in the production of some plastics and rubber, and is also used in the manufacture of surfactants and detergents.

BIOLOGICAL ACTIVITY

In Vitro

Melissic acid is a biochemical reagent that can be used as a biological material or organic compound for life science related research.