

## Malonyl coenzyme A lithium salt

Cat. No. COEC-009

Lot. No. (See product label)

### Introduction

**Description** Malonyl coenzyme A lithium salt is a coenzyme A derivative of malonic acid. Malonyl CoA is involved in chain elongation during fatty acid and polyketide synthesis. Malonyl CoA is also used in transporting alpha-ketoglutarate across the mitochondrial membrane into the mitochondrial matrix.

**Applications** A coenzyme A derivative involved in fatty acid regulation and biosynthesis

### Product Information

**Appearance** Powder

**Form** Solid

**CAS No.** 108347-84-8

**Molecular Formula** C<sub>24</sub>H<sub>38</sub>N<sub>7</sub>O<sub>19</sub>P<sub>3</sub>S•xLi

**Molecular Weight** 853.58

**Purity** ≥90%

**Solubility** Soluble in water