

Product Name: Lipoic acid (Standard)

Cat. No.: NATM-2505-CXX-125

Package: 10 mg/25 mg/50 mg/100 mg/200 mg/500 mg

Description

Lipoic acid (Standard) is the analytical standard for Lipoic acid, intended for research and analytical applications. Lipoic acid ((R)-(+)- α -Lipoic acid) is an antioxidant and essential cofactor of mitochondrial enzyme complexes. (R)-(+)- α -Lipoic acid is more effective than racemic Lipoic acid.

Product Details

Synonyms: (R)-(+)- α -Lipoic acid(Standard); R-(+)-Thioctic acid (Standard)

Purity: 99.36%

Formula: C₈H₁₄O₂S₂

Molecular Weight: 206.33

SMILES: O=C(O)CCCC[C@H]1SSCC1

Appearance: Solid

Color: Light yellow to yellow

Biological Target: Mitochondrial Metabolism; Endogenous Metabolite; Reactive Oxygen Species

Initial Source: Endogenous metabolite

Storage Information: Powder: -80°C, 2 years; -20°C, 1 years. In solvent: -80°C, 6 months; -20°C, 1 month

 For preclinical research and development use only; not intended for therapeutic or other applications.