

3-Nitropropionic acid

Cat. No. CEI-0674

Lot. No. (See product label)

Introduction

Description

A plant and fungal toxin, 3-nitropropionic acid acts as an irreversible inactivator of succinate dehydrogenase. Selectively inhibits succinic dehydrogenase complex (Complex II) in the mitochondrial electron transport chain. Also shown to cause brain lesions similar to those of Huntington's disease.

Synonyms

3-NP

Product Information

Appearance

Orange solid

CAS No.

504-88-1

Molecular Formula

C₃H₅NO₄

Molecular Weight

811.87

Purity

>95% by TLC

Targets

SDHB

Solubility

DMSO (30 mg/ml)

Storage and Shipping Information

Storage

-20 centigrade

Shipping Conditions

Gel pack