

Ferrostatin-1

Cat. No. CEI-0483

Lot. No. (See product label)

Introduction

Description

Cell-permeable. A potent ferroptosis (an iron-dependent form of non-apoptotic cell death) inhibitor. Inhibits erastin-induced ferroptosis in HT-1080 cells with an EC₅₀ of 60 nM. Ferrostatin-1 inhibits ferroptosis in cancer cells as well as blocks glutamate-induced cell death in organotypic rat brain slices.

Synonyms

Fer-1

Product Information

Appearance

White to off-white solid

CAS No.

347174-05-4

Molecular Formula

C₁₉ H₂₂ N₂ O₂

Chemical Name

Ethyl 3-amino-4-(cyclohexylamino)benzoate

Molecular Weight

434.46

Purity

>98% by HPLC

Targets

Ferroptosis

Solubility

DMSO (~33 mg/ml) or EtOH (~ 1.7 mg/ml)

Storage and Shipping Information

Storage

-20 centigrade

Shipping Conditions

Gel pack