Ferrostatin-1

Ferroptosis inhibitor

Inhibits ferroptosis, an iron-dependent form of nonapoptotic cell death. Potent inhibitor of ferroptosis in cancer cells and glutamate-induced cell death in organotypic rat brain slices. Blocks the cytotoxic effects of sorafenib in hepatocellular carcinoma cells. Inhibits oxidative lipid damage and cell death in diverse disease models. Prevents apoptosis of renal proximal tubular cells induced by reactive oxygen species.

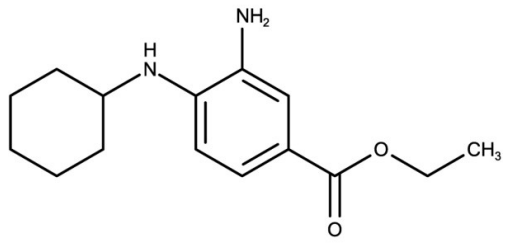
Ordering Information

Order Online »

ENZ-CHM481-0025	25mg

Manuals, SDS & CofA

View Online »


NH2
H
N
O
CH3
O

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	Ambient
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Ethyl 3-amino-4-(cyclohexylamino)benzoate
Appearance	Tan solid.
CAS	347174-05-4
Couple Type	Inhibitor
Formula	$C_{15}H_{22}N_2O_2$
Identity	Determined by NMR.
MW	262.35
Purity	≥98% (TLC)
Solubility	Soluble in DMSO (up to 100 mg/ml) or ethanol (up to 100 mg/ml).

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