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Product Datasheet

Ferrostatin-1, CAS [[347174-05-4]] FBM-10-1380

Article Name	Ferrostatin-1, CAS [[347174-05-4]]
Biozol Catalog Number	FBM-10-1380
Supplier Catalog Number	10-1380
Alternative Catalog Number	FBM-10-1380-5MG, FBM-10-1380-25MG, FBM-10-1380-10MM/1MLDMSO
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Ferroptosis inhibitor...
Molecular Weight	262.35
Purity	98% by TLC, NMR (conforms)
Form	Tan solid
CAS Number	[347174-05-4]
Formula	C15H22N2O2
Application Notes	Inhibits ferroptosis (EC50=60 nM), an iron-dependent form of nonapoptotic cell death ¹ . Potent inhibitor of ferroptosis in cancer cells and glutamate-induced cell death in organotypic rat brain slices ¹ . Blocks the cytotoxic effects of sorafenib in hepatocellular carcinoma cells ² . Inhibits oxidative lipid damage and cell death in diverse disease models ³ . Prevents apoptosis of renal proximal tubular cells induced by reactive oxygen species ⁴ .