

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Liproxstatin-1, CAS [[950455-15-9]] FBM-10-4670

Article Name	Liproxstatin-1, CAS [[950455-15-9]]
Biozol Catalog Number	FBM-10-4670
Supplier Catalog Number	10-4670
Alternative Catalog Number	FBM-10-4670-5MG,FBM-10-4670-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Ferroptosis inhibitor...
Molecular Weight	340.85
Purity	98% by HPLC NMR (Conforms)
Form	White or off-white solid
CAS Number	[950455-15-9]
Formula	C19H21ClN4
Application Notes	Liproxstatin-1 is an inhibitor of ferroptosis (IC <sub>50</sub> = 22 nM). <sup>1</sup> It was able to mitigate tissue injury in a mouse model of hepatic ischemia/reperfusion injury. <sup>1</sup> It protected mouse myocardium against ischemia/reperfusion injury via a decrease in VDAC1 and restoration of GPX4 levels. <sup>2</sup> Liproxstatin-1s mechanism of activity has been attributed to its activity as a radical-trapping antioxidant. <sup>3</sup>