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Product Datasheet

Cepharanthine, CAS [[481-49-2]] FBM-10-5074

Article Name	Cepharanthine, CAS [[481-49-2]]
Biozol Catalog Number	FBM-10-5074
Supplier Catalog Number	10-5074
Alternative Catalog Number	FBM-10-5074-50MG,FBM-10-5074-250MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Autophagy inhibitor with antiviral activity...
Molecular Weight	606.71
Purity	95% by HPLC NMR (Conforms)
Form	Pale-yellow solid
CAS Number	[481-49-2]
Formula	C37H38N2O6
Application Notes	A naturally occurring alkaloid from <i>Stephania cepharantha</i> Hayata which possesses a number of pharmacological activities. ¹ Attenuates LPS-induced expression of TNF-, IL-6 and IL-1 in macrophages and inhibits NF-B activation. ² Induces mitophagy possibly by acting at GPR30 in hepatocellular carcinoma. ³ Inhibits autophagosome-lysosome fusion and autophagy by downregulation of MYO1C an actin-based motor protein. ⁴ Potently inhibits replication of SARS CoV-2 and homologous viruses. ⁵