

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

## Product Datasheet

### **Dynasore, CAS [[304448-55-3]] FBM-10-1427**

Article Name	Dynasore, CAS [[304448-55-3]]
Biozol Catalog Number	FBM-10-1427
Supplier Catalog Number	10-1427
Alternative Catalog Number	FBM-10-1427-5MG,FBM-10-1427-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Dynamin inhibitor...
Molecular Weight	322.32
Purity	98% by TLC, NMR (Conforms)
Form	Beige solid
CAS Number	[304448-55-3]
Formula	C18H14N2O4
Application Notes	Dynasore is a noncompetitive inhibitor of dynamin GTPase activity and blocks dynamin-dependent endocytosis in cells, including neurons. It inhibits the GTPase activity of dynamin1, dynamin2, and Drp1 (mitochondrial dynamin). It is cell permeable, fast acting (seconds) and reversible. <sup>1,2</sup> An extremely useful tool for studying endocytosis and other cellular events which are dependent on dynamin. <sup>3-5</sup>