

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

Product Datasheet

NSC47924 **FBM-10-1562**

Article Name	NSC47924
Biozol Catalog Number	FBM-10-1562
Supplier Catalog Number	10-1562
Alternative Catalog Number	FBM-10-1562-5MG,FBM-10-1562-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	PHLP phosphatase inhibitor / Laminin inhibitor...
Molecular Weight	279.33
Purity	98% by TLC NMR (Conforms)
Form	Yellow solid
CAS Number	[6638-24-0]
Formula	C18H17NO2
Application Notes	A potent inhibitor of the Leucine-rich repeat protein phosphatase (PHLPP) an enzyme which is a negative regulator of Akt and PKC (IC50=4 M).1 Increases AKT signaling in cells and prevents apoptosis. Also inhibits the 67 kDa laminin receptor (LR) interaction with laminin (LM) and selectively blocks LR-293 cell adhesion to LM IC50=19.35 M) impairing cell migration and invasion.2 Affects 37/67 kDa LR cell surface localization and interaction with cellular prion protein.3