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## Product Datasheet

### AS-1949490 FBM-10-5103

Article Name	AS-1949490
Biozol Catalog Number	FBM-10-5103
Supplier Catalog Number	10-5103
Alternative Catalog Number	FBM-10-5103-5MG,FBM-10-5103-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	SHIP2 inhibitor...
Molecular Weight	371.88
Purity	98% by TLC NMR (conforms)
Form	Off-white solid
CAS Number	[1203680-76-5]
Formula	C20H18ClNO2S
Application Notes	A potent and selective inhibitor of the intracellular phosphatase SHIP2 (SH2 domain-containing inositol 5-phosphatase 2), IC50 = 0.62 M.1 Displays ca. 30-fold selectivity for SHIP2 over SHIP1. Activates insulin signaling via the Akt pathway in liver and lowers glucose levels in diabetic mice.1,2 Enhances BDNF expression in cultured cortical neurons.3 Ameliorates ROS generation but aggravates apoptosis in CD2AP-deficient mouse podocytes.4