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Product Datasheet

Stattic, CAS [[19983-44-9]] FBM-10-2524

Article Name	Stattic, CAS [[19983-44-9]]
Biozol Catalog Number	FBM-10-2524
Supplier Catalog Number	10-2524
Alternative Catalog Number	FBM-10-2524-10MG, FBM-10-2524-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	STAT3 inhibitor...
Molecular Weight	211.20
Purity	98% by TLC, NMR (Conforms)
Form	Light yellow solid
CAS Number	[19983-44-9]
Formula	C ₈ H ₅ NO ₄ S
Application Notes	STAT3 inhibitor. Inhibits binding of tyrosine-phosphorylated peptides to STAT3 SH2 domain and inhibiting STAT3 activation, dimerization and nuclear translocation ¹ . Displays selectivity over STAT1, STAT5, c-Myc/Max, Jun/Jun and Lck. Induces apoptosis in STAT3-dependent cancer cell lines. Alkyates four cysteine residues on STAT3 ² . Exhibits potent antitumor activity ³ . Protects against angiotensin II-induced vascular dysfunction and hypertension ⁴ . An extremely useful tool to probe involvement of STAT3 in cellular signaling.