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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	C8H5NO4S
Application Notes	STAT3 inhibitor. Inhibits binding of tyrosine-phosphorylated peptides to STAT3 SH2 domain and inhibiting STAT3 activation, dimerization and nuclear translocation <sup>1</sup> . Displays selectivity over STAT1, STAT5, c-Myc/Max, Jun/Jun and Lck. Induces apoptosis in STAT3-dependent cancer cell lines. Alkylates four cysteine residues on STAT3 <sup>2</sup> . Exhibits potent antitumor activity <sup>3</sup> . Protects against angiotensin II-induced vascular dysfunction and hypertension <sup>4</sup> . An extremely useful tool to probe involvement of STAT3 in cellular signaling.