

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

Product Datasheet

Reserpine, CAS [[50-55-5]] FBM-10-2689

Article Name	Reserpine, CAS [[50-55-5]]
Biozol Catalog Number	FBM-10-2689
Supplier Catalog Number	10-2689
Alternative Catalog Number	FBM-10-2689-1G
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	VMAT1,2 inhibitor...
Molecular Weight	608.68
Purity	98% by TLC NMR (Conforms)
Form	Off-white solid
CAS Number	[50-55-5]
Formula	C33H40N2O9
Application Notes	Indole alkaloid isolated from Rauwolfia serpentina which acts as a potent antihypertensive agent. Irreversibly inhibits both isoforms of vesicular monoamine transporter VMAT1 and 2, Ki=34 and 12 nM, respectively. ^{1,2} May be used to pharmacologically deplete monoamines in various animal models. ³ Inhibits the multidrug resistance protein P-glycoprotein, IC50=0.5 mM. ³ Reserpine-induced hypokinesia is considered a useful animal model of Parkinsons disease. ⁵