

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. <sup>1,2</sup> May be used to pharmacologically deplete monoamines in various animal models. <sup>3</sup> Inhibits the multidrug resistance protein P-glycoprotein, IC50=0.5 mM. <sup>3</sup> Reserpine-induced hypokinesia is considered a useful animal model of Parkinsons disease. <sup>5</sup> |