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## Product Datasheet

### Latrunculin B, CAS [[76343-94-7]] FBM-10-4303

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| Article Name               | Latrunculin B, CAS [[76343-94-7]]                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Biozol Catalog Number      | FBM-10-4303                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Supplier Catalog Number    | 10-4303                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Alternative Catalog Number | FBM-10-4303-100UG,FBM-10-4303-1MG                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Manufacturer               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Product Description        | Inhibits actin polymerization and microfilament organization...                                                                                                                                                                                                                                                                                                                                                                                                 |
| Molecular Weight           | 395.52                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Purity                     | 98% by TLC and HPLC NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Form                       | Off-white solid                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| CAS Number                 | [76343-94-7]                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Formula                    | C20H29NO5S                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Application Notes          | Inhibits actin polymerization and disrupts microfilament organization <sup>1</sup> . Significantly more potent than cytochalasins in the disruption of microfilament mediated processes <sup>2</sup> , causes shortening and thickening of stress fibers. Active in cell culture. <sup>3,4</sup> Effective doses vary depending upon cell type but are frequently in the low micromolar range. Note: Latrunculin B is slowly inactivated by fetal bovine serum. |