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## Product Datasheet

### **Pifithrin mu, CAS [[64984-31-2]] FBM-10-1180**

|                            |                                                                                                                                                                                                                                                                             |
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| Article Name               | Pifithrin mu, CAS [[64984-31-2]]                                                                                                                                                                                                                                            |
| Biozol Catalog Number      | FBM-10-1180                                                                                                                                                                                                                                                                 |
| Supplier Catalog Number    | 10-1180                                                                                                                                                                                                                                                                     |
| Alternative Catalog Number | FBM-10-1180-5MG,FBM-10-1180-25MG                                                                                                                                                                                                                                            |
| Manufacturer               | Focus Biomolecules                                                                                                                                                                                                                                                          |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                              |
| Product Description        | Hsp70 inhibitor...                                                                                                                                                                                                                                                          |
| Molecular Weight           | 181.21                                                                                                                                                                                                                                                                      |
| Purity                     | 98% by TLC, NMR (Conforms)                                                                                                                                                                                                                                                  |
| Form                       | White or off-white solid                                                                                                                                                                                                                                                    |
| CAS Number                 | [64984-31-2]                                                                                                                                                                                                                                                                |
| Formula                    | C8H7NO2S                                                                                                                                                                                                                                                                    |
| Application Notes          | Selectively interacts with HSP70 and disrupts its association with co-chaperones and substrate proteins. Inhibits p53 binding to antiapoptotic proteins Bcl-xL and Bcl-2. Recues primary mouse thymocytes from P53-mediated apoptosis induced by radiation. Cell permeable. |