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## Product Datasheet

### Sulconazole, CAS [[61318-91-0]] FBM-10-3955

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | Sulconazole, CAS [[61318-91-0]]                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Artikelnummer            | FBM-10-3955                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Hersteller Artikelnummer | 10-3955                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Alternativnummer         | FBM-10-3955-50MG, FBM-10-3955-250MG                                                                                                                                                                                                                                                                                                                                                                                                               |
| Hersteller               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Kategorie                | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Produktbeschreibung      | Antifungal/Prevents cancer stem cell formation...                                                                                                                                                                                                                                                                                                                                                                                                 |
| Molekulargewicht         | 460.75                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Reinheit                 | >98% by TLC, NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Formulierung             | White solid                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| CAS Nummer               | [61318-91-0]                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Formel                   | C <sub>18</sub> H <sub>15</sub> Cl <sub>3</sub> N <sub>2</sub> SHNO <sub>3</sub>                                                                                                                                                                                                                                                                                                                                                                  |
| Anwendungsbeschreibung   | Broad-spectrum imidazole antifungal used for the treatment of various skin infections. It inhibits the cytochrome P450 isozyme, C-14-alpha demethylase, preventing ergosterol synthesis. Sulconazole inhibited mammosphere formation, reduced NF-kB, and reduced extracellular IL-8 formation in breast cancer cells leading to inhibition of cancer stem cell formation. <sup>1</sup> It has a similar effect on glioma stem cells. <sup>2</sup> |