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## Product Datasheet

### Surfactin, CAS [[24730-31-2]] FBM-10-5131

|                            |   |
|----------------------------|---|
| Article Name               | Surfactin, CAS [[24730-31-2]]   |
| Biozol Catalog Number      | FBM-10-5131   |
| Supplier Catalog Number    | 10-5131   |
| Alternative Catalog Number | FBM-10-5131-1MG,FBM-10-5131-5MG   |
| Manufacturer               | Focus Biomolecules  |
| Category                   | Biochemikalien  |
| Product Description        | Lipopeptide biosurfactant...  |
| Molecular Weight           | 1036.36 (based on C15 subunit)  |
| Purity                     | >98% TLC, HPLC shows mixture of isomers with C14 and C15 side chains predominating.1 NMR (Conforms)   |
| Form                       | White to off-white solid  |
| CAS Number                 | [24730-31-2]  |
| Formula                    | C53H93N7O13 (based on C15 subunit)  |
| Application Notes          | Lipopeptide biosurfactant <sup>2</sup> which displays various activities including antifungal and antibacterial as well as inhibition of fibrin clot formation <sup>3</sup> . Selectively inhibits cytosolic PLA <sub>2</sub> (IC <sub>50</sub> =8.5 mM) suppressing PLA <sub>2</sub> -mediated inflammatory responses. <sup>4</sup> Indu |