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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 biosurfactant2 which displays various activities including antifungal and antibacterial as well as inhibition of fibrin clot formation3. Selectively inhibits cytosolic PLA2 (IC50=8.5 mM) suppressing PLA2-mediated inflammatory responses.4 Induces ER stress-mediated apoptosis via IRE1-ASK1-JNK signaling in human osteosarcoma cells.5