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## Product Datasheet

### Monastrol, CAS [[329689-23-8]] BYT-ORB1303244

Article Name	Monastrol, CAS [[329689-23-8]]
Biozol Catalog Number	BYT-ORB1303244
Supplier Catalog Number	orb1303244
Alternative Catalog Number	BYT-ORB1303244-1, BYT-ORB1303244-1, BYT-ORB1303244-10, BYT-ORB1303244-100, BYT-ORB1303244-25, BYT-ORB1303244-5, BYT-ORB1303244-50, BYT-ORB1303244-500
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	Monastrol is a cell-permeable small molecule that selectively inhibits the mitotic kinesin Eg5 (KIF11). This action induces monopolar spindles and mitotic arrest, making it a valuable chemical tool for studying cell division mechanisms in both in vit...
Molecular Weight	292.35
Purity	99.19% (May vary between batches)
CAS Number	[329689-23-8]
Formula	C14H16N2O3S
Target	Apoptosis,Kinesin
Application Notes	Solubility: 10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (6.84 mM),DMSO:55 mg/mL (188.13 mM)