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## Product Datasheet

### Monensin Na, CAS [[22373-78-0]] FBM-10-2659

Article Name	Monensin Na, CAS [[22373-78-0]]
Biozol Catalog Number	FBM-10-2659
Supplier Catalog Number	10-2659
Alternative Catalog Number	FBM-10-2659-1G,FBM-10-2659-5G
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Golgi transport inhibitor...
Molecular Weight	692.86
Purity	90-95% by TLC, NMR (Conforms)
Form	White solid
CAS Number	[22373-78-0]
Formula	C <sub>36</sub> H <sub>61</sub> O <sub>11</sub> Na
Application Notes	Monovalent-selective ionophore antibiotic, typically employed as a Na <sup>+</sup> ionophore. <sup>1</sup> Interferes with vesicular transport through the Golgi apparatus <sup>2</sup> and induces Golgi swelling <sup>3</sup> . Neutralizes intracellular compartments such as the trans Golgi apparatus cisternae, lysosomes, and certain endosomes <sup>4</sup> (inducing EGFR endosomal arrest for example <sup>5</sup> ). Induces the cleavage of full-length CREB3 in HEK293 cells. <sup>6</sup>