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Product Datasheet

Microcystin LR, CAS [[101043-37-2]] FBM-10-2719

Article Name	Microcystin LR, CAS [[101043-37-2]]
Biozol Catalog Number	FBM-10-2719
Supplier Catalog Number	10-2719
Alternative Catalog Number	FBM-10-2719-100UG, FBM-10-2719-500UG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Protein phosphatase PP1 and PP2A inhibitor...
Molecular Weight	995.17
Purity	95% by HPLC NMR (Conforms)
Form	Off-white lyophilized solid (vial appear empty)
CAS Number	[101043-37-2]
Formula	C ₄₉ H ₇₄ N ₁₀ O ₁₂
Application Notes	A novel freshwater cyanotoxin. ¹ Tumor promoter. Potent and selective inhibitor of protein phosphatase 2A (PP2A), IC ₅₀ =0.04 nM. PP1, IC ₅₀ =1.7 nM and PP2B are less sensitive and PP2C is not inhibited (up to 4 μM). ² Considered to be cell-impermeable with the exception of hepatocytes which take it up via an organic anion transporter. ³