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Product Datasheet

Xanthohumol FBM-10-1188

Article Name	Xanthohumol
Biozol Catalog Number	FBM-10-1188
Supplier Catalog Number	10-1188
Alternative Catalog Number	FBM-10-1188-5MG,FBM-10-1188-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	VCP inhibitor / Autophagy inhibitor...
Molecular Weight	354.41
Purity	98% by TLC, NMR (Conforms)
Form	Yellow solid
CAS Number	[6754-58-1]
Formula	C ₂₁ H ₂₂ O ₅
Application Notes	Binds to the N-terminal domain of valosin-containing protein (VCP), an essential protein for autophagosome maturation. Xanthohumol inhibits the function of VCP thereby impairing autophagosome maturation and resulting in accumulation of the microtubule-associated protein 1 light chain 3-II (LC3-II) ¹ . Impairs prostate cancer cell growth and proliferation ² . Cell permeable.