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Product Datasheet

TH301, CAS [[450338-32-6]] FBM-10-3909

Article Name	TH301, CAS [[450338-32-6]]
Biozol Catalog Number	FBM-10-3909
Supplier Catalog Number	10-3909
Alternative Catalog Number	FBM-10-3909-5MG,FBM-10-3909-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Selective circadian clock protein CRY2 stabilizer...
Molecular Weight	485.98
Purity	98% by HPLC NMR (conforms)
Form	White solid
CAS Number	[450338-32-6]
Formula	C ₂₄ H ₂₄ ClN ₃ O ₄ S
Application Notes	TH301 is an isoform-selective stabilizer of the circadian clock protein CRY2. It dose-dependently lengthened the circadian period in Bmal1-dLuc and Per2-dLuc reporter cells. TH301 strongly enhanced rosiglitazone-dependent brown adipocyte differentiation revealing the importance of CRY-dependent regulation of energy metabolism and a possible new lead for anti-obesity therapeutics.