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Product Datasheet

KL101, CAS [[396721-89-4]] FBM-10-3907

Article Name	KL101, CAS [[396721-89-4]]
Biozol Catalog Number	FBM-10-3907
Supplier Catalog Number	10-3907
Alternative Catalog Number	FBM-10-3907-5MG, FBM-10-3907-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Selective circadian clock protein CRY1 stabilizer...
Molecular Weight	377.51
Purity	98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[396721-89-4]
Formula	C22H23N3OS
Application Notes	KL101 is an isoform-selective stabilizer of the circadian clock protein CRY1. It dose-dependently lengthened the circadian period in Bmal1-dLuc and Per2-dLuc reporter cells. KL101 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.