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Product Datasheet

KL044, CAS [[1801856-93-8]]

FBM-10-3911

Article Name	KL044, CAS [[1801856-93-8]]
Biozol Catalog Number	FBM-10-3911
Supplier Catalog Number	10-3911
Alternative Catalog Number	FBM-10-3911-5MG, FBM-10-3911-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Cryptochrome stabilizer...
Molecular Weight	359.81
Purity	>98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[1801856-93-8]
Formula	C ₂₁ H ₁₄ CIN ₃ O
Application Notes	Potent stabilizer of the circadian clock protein cryptochrome (CRY). ¹ It lengthened the circadian period and repressed Per2 activity in reporter assays with 10-fold more potency than KL001 (Cat 10-1411). KL044 inhibited melanogenesis and melanosome transport via suppression of the cAMP/PKA/CREB pathway. ²