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Product Datasheet

KL-001, CAS [[309928-48-1]]
FBM-10-1411

Artikelname	KL-001, CAS [[309928-48-1]]
Artikelnummer	FBM-10-1411
Hersteller Artikelnummer	10-1411
Alternativnummer	FBM-10-1411-5MG,FBM-10-1411-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Cryptochrome (CRY) activator...
Molekulargewicht	398.46
Reinheit	98% by TLC, NMR (Conforms)
Formulierung	White solid
CAS Nummer	[309928-48-1]
Formel	C21H22N2O4S
Anwendungsbeschreibung	A novel tool that specifically interacts with cryptochrome (CRY) preventing its ubiquitin-dependent degradation resulting in lengthening of the circadian period. KL-001-mediated CRY stabilization inhibits glucagon-induced gluconeogenesis in primary hepatocytes1. Binds to the FAD-binding pocket of CRY2 as determined by co-crystal structure2. Induces an increase in period along with simultaneous reduction in amplitude of circadian reporter expression3 in mammalian cells.