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Product Datasheet

Homoharringtonine, CAS [[26833-87-4]] FBM-10-3033

Artikelname	Homoharringtonine, CAS [[26833-87-4]]
Artikelnummer	FBM-10-3033
Hersteller Artikelnummer	10-3033
Alternativnummer	FBM-10-3033-5MG,FBM-10-3033-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Protein synthesis inhibitor...
Molekulargewicht	545.63
Reinheit	95% by HPLC NMR (Conforms)
Formulierung	Pale yellow to off-white solid
CAS Nummer	[26833-87-4]
Formel	C ₂₉ H ₃₉ N _O ₉
Anwendungsbeschreibung	A plant alkaloid, originally isolated from the Hainan plum yew, that binds to the large ribosomal subunit A-site, competing with aminoacyl-tRNA amino acid side chains, thereby inhibiting the initial elongation step of protein synthesis. ¹ It also binds to transcription factors NKRF (NF-kappaB repressing factor) and SP1, down-regulating the Myc pathway. ^{2,3} Dramatically decreases global DNA 5-hydroxymethylcytosine levels via the SP1/TET1 axis. ³ Induces apoptosis in tyrosine kinase inhibitor-resistant NSCLC cells ⁴ , and is a clinically useful agent for CML and AML ⁵ .