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Product Datasheet

Nocodazole, CAS [[31430-18-9]] FBM-10-2387

Artikelname	Nocodazole, CAS [[31430-18-9]]
Artikelnummer	FBM-10-2387
Hersteller Artikelnummer	10-2387
Alternativnummer	FBM-10-2387-10MG,FBM-10-2387-50MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Microtubule inhibitor...
Molekulargewicht	301.32
Reinheit	98% by TLC, NMR (Conforms)
Formulierung	White or off-white solid
CAS Nummer	[31430-18-9]
Formel	C14H11N3O3S
Anwendungsbeschreibung	Nocodazole is an antimitotic agent that disrupts microtubules by binding to beta tubulin and thereby inhibiting microtubule dynamics, disruption of mitotic spindle function, and fragmentation of the Golgi complex. ^{1,2} Arrests cell cycle at G2/M phase. Stimulates the intrinsic GTPase activity of tubulin. ³ Nocodazole activates the JNK/SAPK signaling pathway and induces apoptosis in a variety of cell lines. ⁴ Increases Cas9-mediated editing frequencies ⁵ and increased CRISPR-mediated HDR DNA repair ⁶ . Cell permeable.