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Product Datasheet

Cercosporamide, CAS [[131436-22-1]] FBM-10-2505

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| Artikelname | Cercosporamide, CAS [[131436-22-1]] |
| Artikelnummer | FBM-10-2505 |
| Hersteller Artikelnummer | 10-2505 |
| Alternativnummer | FBM-10-2505-200UG,FBM-10-2505-1MG |
| Hersteller | Focus Biomolecules |
| Kategorie | Biochemikalien |
| Produktbeschreibung | Mnk inhibitor... |
| Molekulargewicht | 331.28 |
| Reinheit | >98% by HPLC, NMR (Conforms) |
| Formulierung | Off-white solid |
| CAS Nummer | [131436-22-1] |
| Formel | C16H13NO7 |
| Anwendungsbeschreibung | Cercosporamide (131436-22-1) is a natural product isolated from <i>Cercosporidium henningsii</i> and shown to have antifungal activity. ¹ It was found to be a potent inhibitor of MAP kinase interacting kinase (Mnk1 IC ₅₀ =116 nM and Mnk2 IC ₅₀ =11 nM), with selectivity against a panel of 76 kinases (at 20 μM) with the exception of JAK3 (IC ₅₀ =31 nM). ² It effectively blocks eIF4E phosphorylation both in vitro and in vivo and induces apoptosis in multiple cancer cell lines. ² It enhances the response to antiangiogenic drugs in renal cell carcinoma ³ and overcomes chemoresistance in cervical cancer ⁴ . |