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Product Datasheet

PI-103 FBM-10-5406

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| Artikelname | PI-103 |
| Artikelnummer | FBM-10-5406 |
| Hersteller Artikelnummer | 10-5406 |
| Alternativnummer | FBM-10-5406-5MG,FBM-10-5406-25MG |
| Hersteller | Focus Biomolecules |
| Kategorie | Biochemikalien |
| Produktbeschreibung | PI3K, mTOR and DNA-PK inhibitor... |
| Molekulargewicht | 348.36 |
| Reinheit | 98% by TLC, NMR (Conforms) |
| Formulierung | White solid |
| CAS Nummer | [371935-74-9] |
| Formel | C19H16N4O3 |
| Anwendungsbeschreibung | A potent inhibitor of PI-3 kinase, mTOR and DNA-PK, IC50 = 8, 88, 150, 48, 20, 83 and 2 nM for p110alpha, p110β, p110gamma, p110delta, mTORC1, mTORC2 and DNA-PK respectively. ^{1,2} Synergizes with arsenic disulfide to eradicate AML stem cells by induction of differentiation. ³ Inhibits the growth of gefitinib-resistant non-small cell lung cancer cell lines. ⁴ Induces autophagy in drug-resistant glioma. ⁵ Protects against a-synuclein-induced toxicity in human neurons by induction of macroautophagy. ⁶ |