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Product Datasheet

Dynarrestin, CAS [[2222768-84-3]]
FBM-10-4196

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| Artikelname | Dynarrestin, CAS [[2222768-84-3]] |
| Artikelnummer | FBM-10-4196 |
| Hersteller Artikelnummer | 10-4196 |
| Alternativnummer | FBM-10-4196-5MG,FBM-10-4196-25MG |
| Hersteller | Focus Biomolecules |
| Kategorie | Biochemikalien |
| Produktbeschreibung | Cytoplasmic dynein 1/2 inhibitor... |
| Molekulargewicht | 431.50 |
| Reinheit | >98% by HPLC NMR (Conforms) |
| Formulierung | Pale pink/purple solid |
| CAS Nummer | [2222768-84-3] |
| Formel | C22H23F2N3O2S |
| Anwendungsbeschreibung | <p>Dynarrestin is a reversible inhibitor of cytoplasmic dyneins 1 and 2.1 It inhibits dynein 1-dependent microtubule binding and motility without affecting ATP hydrolysis as well as dynein 2-dependent intraflagellar transport of the cargo IFT88 and flux of Smoothened within cilia without interfering with ciliogenesis. Dynarrestin suppresses hedgehog-dependent proliferation of neuronal precursors and tumor cells. It binds protein tyrosine phosphatase interacting protein 51 (PTPIP51) leading to increased MAPK activation and complete blockade of Akt signaling in Her2 positive breast cancer cells (SKBR3).2</p> |