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## Product Datasheet

### Ki8751, CAS [[228559-41-9]] FBM-10-4388

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| Artikelname              | Ki8751, CAS [[228559-41-9]]                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Artikelnummer            | FBM-10-4388                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Hersteller Artikelnummer | 10-4388                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Alternativnummer         | FBM-10-4388-5MG,FBM-10-4388-25MG                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Hersteller               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Kategorie                | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Produktbeschreibung      | VEGFR2 inhibitor...                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Molekulargewicht         | 469.42                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Reinheit                 | >98% by HPLC NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Formulierung             | White solid                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| CAS Nummer               | [228559-41-9]                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Formel                   | C24H18F3N3O4                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Anwendungsbeschreibung   | Very potent (IC50 = 0.9 nM) inhibitor of vascular endothelial growth factor receptor 2 (VEGFR-2). <sup>1</sup> It also inhibited PDGFRalpha (IC50 = 67 nM), c-Kit (IC50 = 40 nM), and FGFR2 (IC50 = 170 nM). Ki8751 completely suppressed HUVEC growth at 1 nM. Ki8751 completely inhibited tumor growth in LC-6 human tumor xenografts 5mg/kg. Ki8751 displayed anti-influenza A and B activity via disruption of virus entry in a PDGFRβ/GM3-dependent manner. <sup>2</sup> |