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## Product Datasheet

### Ganetespib, CAS [[888216-25-9]] FBM-10-4474

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
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| Artikelname              | Ganetespib, CAS [[888216-25-9]]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Artikelnummer            | FBM-10-4474                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Hersteller Artikelnummer | 10-4474                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Alternativnummer         | FBM-10-4474-5MG,FBM-10-4474-25MG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Hersteller               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Kategorie                | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Produktbeschreibung      | HSP90 inhibitor...                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Molekulargewicht         | 364.40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Reinheit                 | 98% by HPLC NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Formulierung             | White solid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| CAS Nummer               | [888216-25-9]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Formel                   | C20H20N4O3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Anwendungsbeschreibung   | Ganetespib is an inhibitor of heat shock protein 90 (IC50 = 19 nM, canine C2 malignant mast cells, 4 nM, canine BR malignant mast cells) binding to the N-terminal ATP site. <sup>1</sup> It displayed potent cytotoxicity against a panel of 57 transformed cell lines of both hematologic and solid tumors with IC50s between 14 and 280 nM. <sup>2</sup> Ganetespib enhanced T-cell-mediated killing of human melanoma cells and potentiated responses to anti-CTLA4 and anti-PD1 therapy via upregulation of interferon response genes. <sup>3</sup> In multiple clinical trials for various cancers. |