

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Defactinib, CAS [[1073154-85-4]] FBM-10-4828

| | |
|----------------------------|--|
| Article Name | Defactinib, CAS [[1073154-85-4]] |
| Biozol Catalog Number | FBM-10-4828 |
| Supplier Catalog Number | 10-4828 |
| Alternative Catalog Number | FBM-10-4828-5MG,FBM-10-4828-25MG |
| Manufacturer | Focus Biomolecules |
| Category | Biochemikalien |
| Product Description | FAK inhibitor... |
| Molecular Weight | 510.50 |
| Purity | 98% by HPLC NMR (Conforms) |
| Form | White solid |
| CAS Number | [1073154-85-4] |
| Formula | C20H21F3N8O3S |
| Application Notes | Defactinib (1073154-85-4) is a potent inhibitor of FAK (IC50 = 0.6nM) and Pyk2 (IC50 = 0.6nM). ¹ It is active in vivo (EC50 = 26nM). FAK inhibition prevents tumor invasion and dissemination rather than tumor size reduction. Defactinib has been shown to preferentially target cancer stem cells in a mouse xenograft model of triple negative breast cancer. ² It is in multiple clinical trials for various cancers ³ and in shows synergistic activity when used in combination with checkpoint immunotherapy 4-6. |