

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

## Product Datasheet

### **EW-7197, CAS [[1352608-82-2]] FBM-10-4989**

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | EW-7197, CAS [[1352608-82-2]]                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Biozol Catalog Number      | FBM-10-4989                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Supplier Catalog Number    | 10-4989                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Alternative Catalog Number | FBM-10-4989-5MG,FBM-10-4989-25MG                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Manufacturer               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Product Description        | ALK4/5 inhibitor...                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Molecular Weight           | 399.43                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Purity                     | >98% by HPLC NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Form                       | Off-white solid                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| CAS Number                 | [1352608-82-2]                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Formula                    | C22H18FN7                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Application Notes          | EW-7197 is a potent (IC50 = 13 nM ALK4, 11 nM ALK5 HotSpot assay) and selective inhibitor of ALK4/5.1 It increased CD3+, IFN+CD8+, and NK cells and decreased myeloid suppressor cells in a mouse model of osteosarcoma.2 EW-7197 suppressed the epithelial-mesenchymal transition in various cancer models.3-5 It synergized with pomalidomide to increase T-cell fitness in a multiple myeloma model.6 EW-7197 displayed therapeutic effects in various models of fibrosis.7,8 |