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## Product Datasheet

### TG 4-155, CAS [[1164462-05-8]] FBM-10-1574

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| Article Name               | TG 4-155, CAS [[1164462-05-8]]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Biozol Catalog Number      | FBM-10-1574                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Supplier Catalog Number    | 10-1574                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Alternative Catalog Number | FBM-10-1574-5MG,FBM-10-1574-25MG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Manufacturer               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Product Description        | EP2 receptor antagonist...                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Molecular Weight           | 394.47                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Purity                     | 98% by TLC, NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Form                       | Off-white solid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| CAS Number                 | [1164462-05-8]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Formula                    | C23H26N2O4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Application Notes          | Potent and selective prostaglandin EP2 receptor antagonist, KB = 2.4 and 34.5 nM for EP2 and DP1 receptors respectively. Displays >500-fold selectivity for EP2 over other prostanoid receptors. <sup>1</sup> Inhibits butaprost-induced proinflammatory cytokine production, cell proliferation and invasion of PC-3 cells in vitro. <sup>2</sup> Inhibits PGE2-induced inflammatory response and may represent a novel pharmacologic intervention for tumorigenesis resulting from inflammation. <sup>1</sup> |