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## Product Datasheet

### Endosidin 2, CAS [[1839524-44-5]] FBM-10-1583

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| Article Name               | Endosidin 2, CAS [[1839524-44-5]]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Biozol Catalog Number      | FBM-10-1583                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Supplier Catalog Number    | 10-1583                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Alternative Catalog Number | FBM-10-1583-5MG,FBM-10-1583-25MG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Manufacturer               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Product Description        | Exocytosis and endosomal recycling inhibitor...                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Molecular Weight           | 414.17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Purity                     | 98% by TLC, NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Form                       | Off-white solid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| CAS Number                 | [1839524-44-5]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Formula                    | C15H12FIN2O3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Application Notes          | Endosidin-2 binds to the EXO70 subunit of the exocyst complex which results in inhibition of exocytosis and endosomal recycling in both plant and human cells and enhancement of plant vacuolar trafficking. EXO70 is a component of the octameric exocyst complex which tethers post-Golgi vesicles to the plasma membrane before SNARE- mediated membrane fusion <sup>2</sup> . Endosidin-2 was previously identified as a plant endomembrane trafficking disruptor <sup>3</sup> . It is a valuable new tool for the study of exocytosis. |