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## Product Datasheet

### Isohelenin, CAS [[470-17-7]] FBM-10-5393

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| Article Name               | Isohelenin, CAS [[470-17-7]]                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Biozol Catalog Number      | FBM-10-5393                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Supplier Catalog Number    | 10-5393                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Alternative Catalog Number | FBM-10-5393-5MG,FBM-10-5393-25MG                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Manufacturer               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Product Description        | NFkB inhibitor...                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Molecular Weight           | 232.32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Purity                     | 98% by TLC NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Form                       | White solid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| CAS Number                 | [470-17-7]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Formula                    | C <sub>15</sub> H <sub>20</sub> O <sub>2</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Application Notes          | A sesquiterpene lactone isolated from Mexican Indian medicinal plants known to have anti-inflammatory properties. A potent inhibitor of NFB (complete inhibition at 5 M) <sup>1</sup> acting via inhibition of IKK6. Isohelenin-mediated NFB inhibition suppresses IL-8 expression <sup>2</sup> , iNOS expression <sup>3</sup> and RANTES biosynthesis <sup>4</sup> . Displays protective effects in endotoxic shock in rodent models. <sup>5</sup> Induces apoptosis in glioma cells. <sup>6</sup> |