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## Product Datasheet

### Hymeglusin, CAS [[29066-42-0]]

### FBM-10-3289

|                            |  |
|----------------------------|--|
| Article Name               | Hymeglusin, CAS [[29066-42-0]]   |
| Biozol Catalog Number      | FBM-10-3289  |
| Supplier Catalog Number    | 10-3289  |
| Alternative Catalog Number | FBM-10-3289-1MG, FBM-10-3289-2.5MG   |
| Manufacturer               | Focus Biomolecules   |
| Category                   | Biochemikalien   |
| Product Description        | Melvalonate biosynthesis inhibitor...  |
| Molecular Weight           | 324.41   |
| Purity                     | 96% by HPLC NMR (Conforms)   |
| Form                       | White solid  |
| CAS Number                 | [29066-42-0]   |
| Formula                    | C18H28O5   |
| Application Notes          | Inhibitor of eukaryotic mevalonate biosynthesis via inhibition of HMG-CoA synthase, IC50=0.12 µM.1 Acts via covalent modification of the active site Cys129.1,2 Inhibits cholesterol biosynthesis in rats (45% at 25 mg/Kg),1 Also inhibits bacterial HMG-CoA synthase.3 Inhibits dengue virus replication.4 |