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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	C <sub>18</sub> H <sub>28</sub> O <sub>5</sub>
Application Notes	Inhibitor of eukaryotic mevalonate biosynthesis via inhibition of HMG-CoA synthase, IC <sub>50</sub> =0.12 µM. <sup>1</sup> Acts via covalent modification of the active site Cys129. <sup>1,2</sup> Inhibits cholesterol biosynthesis in rats (45% at 25 mg/Kg), <sup>1</sup> Also inhibits bacterial HMG-CoA synthase. <sup>3</sup> Inhibits dengue virus replication. <sup>4</sup>