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## Product Datasheet

**Compstatin, CAS [[206645-99-0]]**  
**ISC-PI-270**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Compstatin, CAS [[206645-99-0]]                                                                                                                                                                                                                               |
| Biozol Catalog Number      | ISC-PI-270                                                                                                                                                                                                                                                    |
| Supplier Catalog Number    | PI-270                                                                                                                                                                                                                                                        |
| Alternative Catalog Number | ISC-PI-270                                                                                                                                                                                                                                                    |
| Manufacturer               | Isca Biochemicals                                                                                                                                                                                                                                             |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                |
| Product Description        | Compstatin, a cyclic tridecapeptide, discovered from a phage-display library, is a highly potent and selective complement component 3 (C3) inhibitor, binding to C3, C3b, and C3c, but not to C3d. Compstatin binds to C3 in a reversible manner and inhib... |
| Molecular Weight           | 1550.77                                                                                                                                                                                                                                                       |
| NCBI                       | <a href="#">1996</a>                                                                                                                                                                                                                                          |
| Purity                     | >95% by HPLC                                                                                                                                                                                                                                                  |
| Form                       | Freeze dried solid                                                                                                                                                                                                                                            |
| Sequence                   | H-Ile-*Cys-Val-Val-Gln-Asp-Trp-Gly-His-His-Arg-*Cys-Thr-NH2<br>(disulphide bridge between cysteines 2 and 12)                                                                                                                                                 |
| CAS Number                 | [206645-99-0]                                                                                                                                                                                                                                                 |
| Formula                    | C66H99N23O17S2                                                                                                                                                                                                                                                |
| Target                     | Serine proteases                                                                                                                                                                                                                                              |
| Application Notes          | ProductType: Peptides                                                                                                                                                                                                                                         |