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## Product Datasheet

### 7-Dehydrocholesterol, CAS [[434-16-2]] FBM-10-3941

|                            |                                                                                                                                                                                                                                                                                |
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| Article Name               | 7-Dehydrocholesterol, CAS [[434-16-2]]                                                                                                                                                                                                                                         |
| Biozol Catalog Number      | FBM-10-3941                                                                                                                                                                                                                                                                    |
| Supplier Catalog Number    | 10-3941                                                                                                                                                                                                                                                                        |
| Alternative Catalog Number | FBM-10-3941-200MG,FBM-10-3941-1G                                                                                                                                                                                                                                               |
| Manufacturer               | Focus Biomolecules                                                                                                                                                                                                                                                             |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                                 |
| Product Description        | Endogenous cholesterol precursor / Ferroptosis inhibitor...                                                                                                                                                                                                                    |
| Molecular Weight           | 384.65                                                                                                                                                                                                                                                                         |
| Purity                     | >98% by TLC, NMR (Conforms)                                                                                                                                                                                                                                                    |
| Form                       | Off-white solid                                                                                                                                                                                                                                                                |
| CAS Number                 | [434-16-2]                                                                                                                                                                                                                                                                     |
| Formula                    | C27H44O                                                                                                                                                                                                                                                                        |
| Application Notes          | 7-Dehydrocholesterol is an endogenous cholesterol precursor and is photochemically converted to vitamin D3 in the skin. <sup>1</sup> It has recently been found to be an endogenous suppressor of ferroptosis and can confer a prosurvival state in cancer cells. <sup>2</sup> |