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## Product Datasheet

### 27-Hydroxycholesterol, CAS [[20380-11-4]] FBM-10-4536

|                            |   |
|----------------------------|---|
| Article Name               | 27-Hydroxycholesterol, CAS [[20380-11-4]]   |
| Biozol Catalog Number      | FBM-10-4536   |
| Supplier Catalog Number    | 10-4536   |
| Alternative Catalog Number | FBM-10-4536-1MG,FBM-10-4536-5MG   |
| Manufacturer               | Focus Biomolecules  |
| Category                   | Biochemikalien  |
| Product Description        | Cholesterol metabolite...   |
| Molecular Weight           | 402.66  |
| Purity                     | 98% by HPLC, NMR (Conforms)   |
| Form                       | White solid   |
| CAS Number                 | [20380-11-4]  |
| Formula                    | C27H46O2  |
| Application Notes          | Metabolite resulting from the action of sterol 27-hydroxylase on cholesterol. Concentrations of 27-hydroxycholesterol are elevated in patients with Alzheimers disease and mild cognitive impairment. <sup>1,2</sup> Endogenous selective estrogen receptor modulator <sup>3</sup> and ligand for the liver X receptor(EC50 = 85nM for LXRAalpha and 71nM for LXRBeta) <sup>4</sup> . |