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Product Datasheet

7alpha-Hydroxycholesterol, CAS [[566-26-7]] FBM-10-4538

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| Article Name | 7alpha-Hydroxycholesterol, CAS [[566-26-7]] |
| Biozol Catalog Number | FBM-10-4538 |
| Supplier Catalog Number | 10-4538 |
| Alternative Catalog Number | FBM-10-4538-1MG,FBM-10-4538-5MG |
| Manufacturer | Focus Biomolecules |
| Category | Biochemikalien |
| Product Description | Bile acid precursor... |
| Molecular Weight | 402.66 |
| Purity | 98% by TLC [3:2 ethyl acetate : hexane, Rf = 0.15] NMR (Conforms) |
| Form | White or pale yellow solid |
| CAS Number | [566-26-7] |
| Formula | C27H46O2 |
| Application Notes | Metabolite resulting from the action of cholesterol 7 alpha-hydroxylase on cholesterol. 7alpha-Hydroxycholesterol is the first intermediate and a rate-limiting step in the major pathway for bile acid synthesis in humans. A pro-inflammatory mediator which upregulates production of CCL2 and MMP9 in macrophages and may promote progression of atherosclerosis. ^{2,3} Possible biomarker for cellular lipid peroxidation. ⁴ |