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## Product Datasheet

### Trolox, CAS [[53188-07-1]] FBM-10-2393

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| Artikelname              | Trolox, CAS [[53188-07-1]]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Artikelnummer            | FBM-10-2393                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Hersteller Artikelnummer | 10-2393                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Alternativnummer         | FBM-10-2393-250MG, FBM-10-2393-1G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Hersteller               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Kategorie                | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Produktbeschreibung      | Antioxidant...                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Molekulargewicht         | 250.30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Reinheit                 | 97% by TLC, NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Formulierung             | Off-white solid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| CAS Nummer               | [53188-07-1]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Formel                   | C14H18O4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Anwendungsbeschreibung   | Water soluble derivative of vitamin E with potent antioxidant and radical scavenging activities.1 Prevents lipid peroxidation induced by CYP2E1 in Hep G2 cells.2 Inhibits peroxynitrite-mediated oxidative stress and apoptosis in rat thymocytes.3 Attenuates impaired proliferation of oxidatively stressed myoblasts overexpressing parkin interacting substrate (PARIS/ZNF746).4 Frequently employed as a benchmark compound to compare the antioxidant capacity of other compounds5 and reference standard for determination of "trolox equivalents6. |