

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Trolox, CAS [[53188-07-1]]

FBM-10-2393

| | |
|----------------------------|---|
| Article Name | Trolox, CAS [[53188-07-1]] |
| Biozol Catalog Number | FBM-10-2393 |
| Supplier Catalog Number | 10-2393 |
| Alternative Catalog Number | FBM-10-2393-250MG,FBM-10-2393-1G |
| Manufacturer | Focus Biomolecules |
| Category | Biochemikalien |
| Product Description | Antioxidant... |
| Molecular Weight | 250.30 |
| Purity | 97% by TLC, NMR (Conforms) |
| Form | Off-white solid |
| CAS Number | [53188-07-1] |
| Formula | C14H18O4 |
| Application Notes | 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. |