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## 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 compounds. 5 and reference standard for determination of "trolox equivalents". 6