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## Product Datasheet

### Idebenone, CAS [[58186-27-9]] FBM-10-1130

|                            |   |
|----------------------------|---|
| Article Name               | Idebenone, CAS [[58186-27-9]]   |
| Biozol Catalog Number      | FBM-10-1130   |
| Supplier Catalog Number    | 10-1130   |
| Alternative Catalog Number | FBM-10-1130-20MG, FBM-10-1130-100MG   |
| Manufacturer               | Focus Biomolecules  |
| Category                   | Biochemikalien  |
| Product Description        | Quinone antioxidant and free radical scavenger...   |
| Molecular Weight           | 338.44  |
| Purity                     | 98% by TLC, NMR (Conforms)  |
| Form                       | Orange solid  |
| CAS Number                 | [58186-27-9]  |
| Formula                    | C19H30O5  |
| Application Notes          | Analog of coenzyme Q10 which acts as an antioxidant <sup>1</sup> . Protects mitochondrial membranes against lipid peroxidation and blocks glutamate neurotoxicity in vitro and in vivo <sup>2</sup> . Increases NGF production with no effect on reactive oxygen species in a cultured rat astrocyte reperfusion injury model <sup>3</sup> . Extends lifespan and improves motor function in HtrA2 knockout mice <sup>4</sup> . |