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Product Datasheet

N-Acetylcysteine ethyl ester, CAS [[59587-09-6]]

FBM-10-5233

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| Article Name | N-Acetylcysteine ethyl ester, CAS [[59587-09-6]] |
| Biozol Catalog Number | FBM-10-5233 |
| Supplier Catalog Number | 10-5233 |
| Alternative Catalog Number | FBM-10-5233-10MG, FBM-10-5233-50MG |
| Manufacturer | Focus Biomolecules |
| Category | Biochemikalien |
| Product Description | Cell permeable antioxidant... |
| Molecular Weight | 191.25 |
| Purity | >95% by TLC NMR (Conforms) |
| Form | White solid |
| CAS Number | [59587-09-6] |
| Formula | C7H13NO3S |
| Application Notes | N-Acetylcysteine ethyl ester is a lipophilic, cell permeable ethyl ester derivative of N-acetylcysteine. ¹ In oxidative stressed retinal pigment epithelial (RPE) cells NACET increases viability more efficiently than NAC and pretreatment predisposes RPE cells to oxidative stress resistance. ¹ Enhances intracellular glutathione concentration in HUVECs. ² Acts as a potent protector against hydroperoxide-induced oxidative damage. ³ Protects against UV-induced reactive intermediates in human keratinocytes. ⁴ |