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Product Datasheet

Stavudine, CAS [[3056-17-5]] FBM-10-1266

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| Article Name | Stavudine, CAS [[3056-17-5]] |
| Biozol Catalog Number | FBM-10-1266 |
| Supplier Catalog Number | 10-1266 |
| Alternative Catalog Number | FBM-10-1266-200MG, FBM-10-1266-1G |
| Manufacturer | Focus Biomolecules |
| Category | Biochemikalien |
| Product Description | HIV reverse transcriptase inhibitor... |
| Molecular Weight | 224.22 |
| Purity | >98% by HPLC, NMR (conforms) |
| Form | White solid |
| CAS Number | [3056-17-5] |
| Formula | C10H12N2O4 |
| Application Notes | Thymidine derivative that acts as an HIV nucleoside reverse transcriptase inhibitor (NRTI) (EC50 = 8.8 nM for HIV-1 replication in human PBMCs). ^{1,2} Down-modulates P2X7-mediated NLRP3 inflammasome activation independent of reverse transcriptase inhibition. ³ Reduces production of IL-18 and caspase-1 and stimulates Abeta-induced autophagy in macrophages. ⁴ |