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Product Datasheet

Mirin, CAS [[299953-00-7]]

FBM-10-1069

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| Article Name | Mirin, CAS [[299953-00-7]] |
| Biozol Catalog Number | FBM-10-1069 |
| Supplier Catalog Number | 10-1069 |
| Alternative Catalog Number | FBM-10-1069-5MG, FBM-10-1069-25MG |
| Manufacturer | Focus Biomolecules |
| Category | Biochemikalien |
| Product Description | Mre11-Rad50-Nbs1 inhibitor... |
| Molecular Weight | 220.25 |
| Purity | 98% by TLC, NMR Conforms |
| Form | Tan solid |
| CAS Number | [299953-00-7] |
| Formula | C10H8N2O2S |
| Application Notes | Mirin is an inhibitor of the Mre11-Rad50-Nbs1(MRN) complex (IC50 = 12 µM for inhibition of ATM activity), part of the MRN-ATM(ataxia-telangiectasia mutated) pathway, an essential pathway for sensing and signaling from DNA double-strand breaks. Mirin abolishes the G2/M checkpoint and homology-dependent repair in mammalian cells. |