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Product Datasheet

Mirin, CAS [[299953-00-7]] FBM-10-1069

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 homologous-dependent repair in mammalian cells.