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## Product Datasheet

### **DC-05, CAS [[890643-16-0]] BYT-ORB1308399**

Article Name	DC-05, CAS [[890643-16-0]]
Biozol Catalog Number	BYT-ORB1308399
Supplier Catalog Number	orb1308399
Alternative Catalog Number	BYT-ORB1308399-1, BYT-ORB1308399-1, BYT-ORB1308399-10, BYT-ORB1308399-100, BYT-ORB1308399-200, BYT-ORB1308399-25, BYT-ORB1308399-5, BYT-ORB1308399-50
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	DC-05 is a small molecule inhibitor of DNA methyltransferase 1 (DNMT1) with a Kd of 1.09 $\mu$ M and an IC50 of 10.3 $\mu$ M. It is a useful research tool for studying DNA methylation in epigenetics, cancer research, and developmental biology, applicable in bo...
Molecular Weight	383.49
Purity	99.94% (May vary between batches)
CAS Number	[890643-16-0]
Formula	C25H25N3O
Target	DNA Methyltransferase,Histone Methyltransferase
Application Notes	Solubility: DMSO:100 mg/mL (260.76 mM),10% DMSO+90% Corn Oil:3.3 mg/mL (8.61 mM)