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## Product Datasheet

### IOX1, CAS [[5852-78-8]] BYT-ORB1300673

Article Name	IOX1, CAS [[5852-78-8]]
Biozol Catalog Number	BYT-ORB1300673
Supplier Catalog Number	orb1300673
Alternative Catalog Number	BYT-ORB1300673-2,BYT-ORB1300673-5,BYT-ORB1300673-1,BYT-ORB1300673-10,BYT-ORB1300673-25,BYT-ORB1300673-50,BYT-ORB1300673-100
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	IOX1 is a potent broad-spectrum inhibitor of 2-oxoglutarate-dependent oxygenases, including JmjC histone demethylases such as KDM4A (IC50 0.6 µM) and KDM3A (IC50 0.1 µM). It is widely used in biochemical and cellular research to probe epigenetic mech...
Molecular Weight	189.17
Purity	99.67% (May vary between batches)
CAS Number	[5852-78-8]
Formula	C10H7NO3
Target	Histone Demethylase
Application Notes	Solubility: DMSO:50 mg/mL (264.31 mM),10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (10.57 mM)