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## Product Datasheet

### IOX 1 FBM-10-1426

Article Name	IOX 1
Biozol Catalog Number	FBM-10-1426
Supplier Catalog Number	10-1426
Alternative Catalog Number	FBM-10-1426-5MG,FBM-10-1426-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	JMJD demethylase inhibitor...
Molecular Weight	189.17
Purity	98% by HPLC, NMR (conforms)
Form	Yellow solid
CAS Number	[5852-78-8]
Formula	C10H7NO3
Application Notes	Inhibits the JMJD family of 2-oxoglutarate-dependent histone demethylases. IC50 = 0.12, 0.07, 0.2, 0.3, 0.6, and 1 $\mu$ M for JMJD3, JMJD1A, JMJD2A, JMJD2E, JMJD2C and UTX respectively <sup>1</sup> . A broad spectrum 2-oxoglutarate oxygenase inhibitor which may be used to study hypoxic signaling <sup>1</sup> . Cell permeable