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Product Datasheet

GSK2879552, CAS [[1401966-69-5]]

FBM-10-4020

Article Name	GSK2879552, CAS [[1401966-69-5]]
Biozol Catalog Number	FBM-10-4020
Supplier Catalog Number	10-4020
Alternative Catalog Number	FBM-10-4020-5MG, FBM-10-4020-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	LSD1 inhibitor...
Molecular Weight	437.40
Purity	98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[1401966-69-5]
Formula	C23H28N2O2 2HCl
Application Notes	GSK289552 is potent, selective, and irreversible inhibitor of Lysine Demethylase 1 (LSD1) via covalent modification of the LSD1 cofactor FAD ($K_i = 1.7 \mu M$). It is selective for LSD1 over the closely related LSD2, MAO-A, MAO-B, and the FAD dependent enzymes D-amino acid oxidase and glutathione reductase. Tested against a panel of 165 cancer cell lines, GSK2879552 inhibited the proliferation of 9 small cell lung carcinoma lines and 20 AML cell lines.