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## Product Datasheet

**MF-438**

**FBM-10-4558**

Article Name	MF-438
Biozol Catalog Number	FBM-10-4558
Supplier Catalog Number	10-4558
Alternative Catalog Number	FBM-10-4558-5MG,FBM-10-4558-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	SCD1 inhibitor...
Molecular Weight	421.44
Purity	98% by HPLC, NMR (Confirms)
Form	Off-white solid
CAS Number	[921605-87-0]
Formula	C19H18F3N5OS
Application Notes	MF-438 is a potent inhibitor of stearyl-CoA desaturase 1 (SCD1) - IC50 = 2.3 nM.1 MF-438 was potent in an in vivo mouse liver PD assay (ED50 between 1 and mg/kg).1 Cancer initiating cells (CSC-like) were shown to much more sensitive to MF-438 inhibition of SCD1 than progenitor and terminally differentiated cancer cells in a lung cancer model.2 MF-438 showed good oral bioavailability and metabolic stability making it an excellent tool for studying the effects of SCD1 in various disease models.