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Product Datasheet

LYG-202, CAS [[1175077-25-4]] BYT-ORB1693689

Article Name	LYG-202, CAS [[1175077-25-4]]
Biozol Catalog Number	BYT-ORB1693689
Supplier Catalog Number	orb1693689
Alternative Catalog Number	BYT-ORB1693689-1, BYT-ORB1693689-10, BYT-ORB1693689-100, BYT-ORB1693689-25, BYT-ORB1693689-5, BYT-ORB1693689-50
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	LYG-202 is a novel piperazine-substituted flavonoid exhibiting antitumor activity. It induces apoptosis and elevates reactive oxygen species (ROS) in breast cancer cell lines such as MCF-7, MDA-MB-231, and MDA-MB-435, demonstrating potential for onco...
Molecular Weight	438.52
Purity	98.05% (May vary between batches)
CAS Number	[1175077-25-4]
Formula	C25H30N2O5
Target	ROS,Apoptosis
Application Notes	Solubility: Ethanol:2.5 mg/mL (5.7 mM),DMF:14 mg/mL (31.93 mM),DMF:PBS (pH7.2) (1:40):0.12 mg/mL (0.27 mM),DMSO:4.39 mg/mL (10.01 mM)