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Product Datasheet

C-DIM 8, CAS [[151358-47-3]]

FBM-10-5157

Article Name	C-DIM 8, CAS [[151358-47-3]]
Biozol Catalog Number	FBM-10-5157
Supplier Catalog Number	10-5157
Alternative Catalog Number	FBM-10-5157-5MG, FBM-10-5157-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Nur77 antagonist...
Molecular Weight	338.41
Purity	98% by TLC, NMR (Conforms)
Form	Pink solid
CAS Number	[151358-47-3]
Formula	C23H18N2O
Application Notes	C-DIM 8 is an antagonist of the orphan nuclear receptor Nur77 (NR4A1, TR3). ¹ Induces reactive oxygen species and ER stress in pancreatic cancer cells. ² C-DIM 8 mimics the effect of Nur77 knockdown in non-small-cell lung cancer A549 and H460 cells, inhibiting cell growth and inducing apoptosis which was accompanied by decreased expression of survivin and inhibition of mTORC1 signaling. ³ Inhibits the expression of beta1- and beta3-integrin and blocks integrin-dependent breast cancer cell migration. ⁴ Decreases expression of the histone methyltransferase G9A (EHMT2) in a variety of cancer cell lines. ⁵