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Product Datasheet

SI-2, CAS [[380537-35-9]] FBM-10-3903

Article Name	SI-2, CAS [[380537-35-9]]
Biozol Catalog Number	FBM-10-3903
Supplier Catalog Number	10-3903
Alternative Catalog Number	FBM-10-3903-5MG,FBM-10-3903-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Potent inhibitor of steroid receptor coactivator-3 (SRC-3)...
Molecular Weight	265.31
Purity	98% by HPLC NMR (Conforms)
Form	Pale orange solid
CAS Number	[380537-35-9]
Formula	C15H15N5
Application Notes	Si-2 is a potent inhibitor of steroid receptor coactivator-3 (SRC-3).¹ It blocks MDA-MB-468 cell growth with an IC₅₀ = 3.4 nM without effecting normal cells.¹ It significantly inhibited breast cancer cell growth in an orthotopic MDA-MD-468 mouse model. Treatment of MCF-7 or triple negative MDA-MB-231 cells with SI-2 resulted in inhibition of proliferation and breast cancer stem cell (CSC) tumorsphere formation.² CSC markers CD44+/CD24-/1o and aldehyde dehydrogenase (ALDH) were also reduced indicating that SI-2 can selectively interfere with the TIC/CSC state in breast cancer cells.^{2,3}