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## Product Datasheet

### NSC95397, CAS [[93718-83-3]] FBM-10-1565

Article Name	NSC95397, CAS [[93718-83-3]]
Biozol Catalog Number	FBM-10-1565
Supplier Catalog Number	10-1565
Alternative Catalog Number	FBM-10-1565-5MG, FBM-10-1565-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	CtBP inhibitor, cdc25 phosphatase inhibitor...
Molecular Weight	310.39
Purity	98% by TLC, NMr (Conforms)
Form	Orange solid
CAS Number	[93718-83-3]
Formula	C <sub>14</sub> H <sub>14</sub> O <sub>4</sub> S <sub>2</sub>
Application Notes	A potent and selective inhibitor of Cdc25 phosphatase (K <sub>i</sub> = 32, 96 and 40 nM for Cdc25A, B and C respectively). NSC-95397 inhibits the growth of several human tumor cell lines and blocks G2/M cell cycle transition. <sup>1</sup> Induces cell cycle arrest, phosphorylation of EGFR and activation of ERK-1 and -2. <sup>2</sup> Inhibits carboxyl-terminal binding protein a transcriptional corepressor that suppresses multiple pro-apoptotic and epithelial genes. <sup>3</sup> Induces eryptosis in human erythrocytes. <sup>4</sup>