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Product Datasheet

NSC663284, CAS [[383907-43-5]] FBM-10-1352

Article Name	NSC663284, CAS [[383907-43-5]]
Biozol Catalog Number	FBM-10-1352
Supplier Catalog Number	10-1352
Alternative Catalog Number	FBM-10-1352-5MG, FBM-10-1352-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Cdc25 phosphatase inhibitor...
Molecular Weight	321.77
Purity	98% by TLC, NMR (Conforms)
Form	Red solid
CAS Number	[383907-43-5]
Formula	C15H16CIN3O3
Application Notes	Potent, selective and irreversible inhibitor of CDC25 phosphatases, Ki=29, 95 and 89 nM for human CDC25A, B2 and C respectively and >20- and >450-fold selective over VHR and PTP1B1. Arrests cells at G1 and G2/M and inhibits cdk1 and 2 activation ² . Inhibits the growth of a variety of human tumor cell lines ³ . Acts via irreversible oxidation of the catalytic cysteine of CDC25 ⁴ .