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Product Datasheet

680C91, CAS [[163239-22-3]] FBM-10-1443

Article Name	680C91, CAS [[163239-22-3]]
Biozol Catalog Number	FBM-10-1443
Supplier Catalog Number	10-1443
Alternative Catalog Number	FBM-10-1443-5MG,FBM-10-1443-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Tryptophan 2,3-dioxygenase inhibitor...
Molecular Weight	238.27
Purity	98% by TLC, NMR (Conforms)
Form	Light brown solid
CAS Number	[163239-22-3]
Formula	C15H11FN2
Application Notes	A potent and selective inhibitor of tryptophan 2,3-dioxygenase (TDO) $K_i=42$ nM) ^{1,2} . Displays no activity against indoleamine 2,3-dioxygenase, MAO-A and B and does not effect serotonin uptake. Elevates CSF tryptophan by up to 260% and CSF serotonin by 170% of basal ² . TDO inhibition by 680C91 in glioma cells blocked the release of kynurenine, an endogenous tumor promoting AHR ligand ⁴ .