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Product Datasheet

680C91 FBM-10-1443

Article Name	680C91
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	C ₁₅ H ₁₁ FN ₂
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 .