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Product Datasheet

Indoximod, CAS [[110117-83-4]] FBM-10-4569

Article Name	Indoximod, CAS [[110117-83-4]]
Biozol Catalog Number	FBM-10-4569
Supplier Catalog Number	10-4569
Alternative Catalog Number	FBM-10-4569-50MG,FBM-10-4569-250MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	IDO modulator / tryptophan mimetic...
Molecular Weight	218.25
Purity	>98%, NMR (Conforms)
Form	White solid
CAS Number	[110117-83-4]
Formula	C ₁₂ H ₁₄ N ₂ O ₂
Application Notes	Indoximod is a modulator of indoleamine 2,3-dioxygenase (IDO) activity. ¹ IDO can be used by tumors to avoid elimination by the host immune response ^{2,3} , thus inhibition of IDO is an interesting cancer therapeutic option. Indoximod is not a direct inhibitor of IDO, but instead targets the IDO gene leading to downstream effects. ³ IDO-mediated catabolism of tryptophan inhibits the immunoregulatory kinases mTOR and PKC ⁵ . This is relieved by Indoximod acting as a potent tryptophan mimetic restoring mTOR and PKC signaling. ⁴