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## Product Datasheet

### Indoximod FBM-10-4569

Article Name	Indoximod
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 <sub>12</sub> H <sub>14</sub> N <sub>2</sub> O <sub>2</sub>
Application Notes	<p>Indoximod is a modulator of indoleamine 2,3-dioxygenase (IDO) activity.<sup>1</sup> IDO can be used by tumors to avoid elimination by the host immune response<sup>2,3</sup>, 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.<sup>3</sup> IDO-mediated catabolism of tryptophan inhibits the immunoregulatory kinases mTOR and PKC<math>\epsilon</math>. This is relieved by Indoximod acting as a potent tryptophan mimetic restoring mTOR and PKC signaling.<sup>4</sup></p>