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## Product Datasheet

### Indoximod FBM-10-4569

Artikelname	Indoximod
Artikelnummer	FBM-10-4569
Hersteller Artikelnummer	10-4569
Alternativnummer	FBM-10-4569-50MG,FBM-10-4569-250MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	IDO modulator / tryptophan mimetic...
Molekulargewicht	218.25
Reinheit	>98%, NMR (Conforms)
Formulierung	White solid
CAS Nummer	[110117-83-4]
Formel	C <sub>12</sub> H <sub>14</sub> N <sub>2</sub> O <sub>2</sub>
Anwendungsbeschreibung	<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<sup>5</sup>. This is relieved by Indoximod acting as a potent tryptophan mimetic restoring mTOR and PKC signaling.<sup>4</sup></p>