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## Product Datasheet

### Deucravacitinib FBM-10-4756

Artikelname	Deucravacitinib
Artikelnummer	FBM-10-4756
Hersteller Artikelnummer	10-4756
Alternativnummer	FBM-10-4756-5MG,FBM-10-4756-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Allosteric TYK2 inhibitor...
Molekulargewicht	425.47
Reinheit	98% by HPLC NMR (Conforms)
Formulierung	White or off-white solid
CAS Nummer	[1609392-27-9]
Formel	C <sub>20</sub> H <sub>19</sub> D <sub>3</sub> N <sub>8</sub> O <sub>3</sub>
Anwendungsbeschreibung	Deucravacitinib is very potent and selective allosteric inhibitor of tyrosine kinase 2 (TYK2). It binds to and is selective for the TYK2 pseudokinase domain (JH2, IC <sub>50</sub> = 0.2 nM), with no activity against canonical JH1 domain of TYK2, JAK1,2, or 3.1 It is 5-fold less active against the JAK1 JH2 domain (IC <sub>50</sub> = 1 nM). Deucravacitinib blocked signaling and functional responses in human TH17, TH1, B cells, and myeloid cells and displayed robust efficacy in vitro and in vivo in autoimmune disease animal models. <sup>2</sup>