

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Deucravacitinib FBM-10-4756

Article Name	Deucravacitinib
Biozol Catalog Number	FBM-10-4756
Supplier Catalog Number	10-4756
Alternative Catalog Number	FBM-10-4756-5MG,FBM-10-4756-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Allosteric TYK2 inhibitor...
Molecular Weight	425.47
Purity	98% by HPLC NMR (Conforms)
Form	White or off-white solid
CAS Number	[1609392-27-9]
Formula	C ₂₀ H ₁₉ D ₃ N ₈ O ₃
Application Notes	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 ₅₀ = 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 ₅₀ = 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. ²