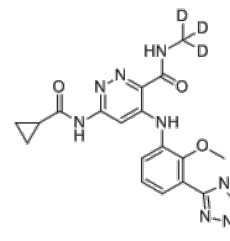


Product Name : Deucravacitinib
Cat. No. : PC-73037
CAS No. : 1609392-27-9
Molecular Formula : C₂₀H₁₉D₃N₈O₃
Molecular Weight : 425.47
Target : JAK
Solubility : 10 mM in DMSO



Biological Activity

BMS-986165 (Deucravacitinib, BMS986165) is potent, high selective allosteric inhibitor of **TYK2** with K_i of 0.02 nM, IC_{50} of 0.2 nM.

BMS-986165 binds to the TYK2 pseudokinase (JH2) domain, displays unprecedented JAK isoform and kinome selectivity. BMS-986165 shows excellent pharmacokinetic properties with minimal profiling liabilities and is efficacious in several murine models of autoimmune disease.

References

Wroblewski ST, et al. *J Med Chem.* 2019 Oct 24;62(20):8973-8995.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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