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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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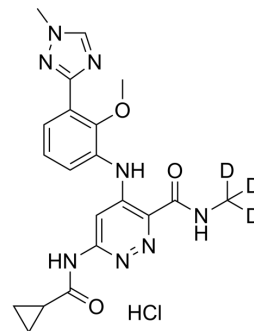
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Deucravacitinib hydrochloride

Cat. No.:	HY-117287A
CAS No.:	1609392-28-0
Molecular Formula:	C ₂₀ H ₂₀ D ₃ ClN ₈ O ₃
Molecular Weight:	461.92
Target:	Interleukin Related; JAK; IFNAR
Pathway:	Immunology/Inflammation; Epigenetics; JAK/STAT Signaling; Protein Tyrosine Kinase/RTK; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Deucravacitinib hydrochloride (BMS-986165 hydrochloride) is a highly selective all-site inhibitor with potent inhibitory activity against TYK2. Deucravacitinib hydrochloride can effectively block IL-12, IL-23 and type I interferon signaling. Deucravacitinib hydrochloride demonstrates significant efficacy in preclinical models of inflammatory bowel disease. Deucravacitinib hydrochloride demonstrated superiority over placebo and apremilast on multiple efficacy endpoints in moderate to severe plaque psoriasis. Deucravacitinib hydrochloride was well tolerated in inhibition^[1].

CUSTOMER VALIDATION

- Nat Chem Biol. 2022 Dec;18(12):1388-1398.
- Cell Death Differ. 2021 Feb;28(2):748-763.
- Mol Syst Biol. 2023 Dec 18.
- iScience. 2021, 102498.
- Int J Mol Sci. 2023 May 25, 24(11), 9243.

See more customer validations on www.MedChemExpress.com

REFERENCES

- [1]. Wroblewski ST, et al. Highly Selective Inhibition of Tyrosine Kinase 2 (TYK2) for the Treatment of Autoimmune Diseases: Discovery of the Allosteric Inhibitor BMS-986165. J Med Chem. 2019 Jul 18.
- [2]. Catlett I, et al. SAT0226 A first-in-human, study of BMS-986165, a selective, potent, allosteric small molecule inhibitor of tyrosine kinase 2. Annals of the Rheumatic Diseases 2017;76:859.
- [3]. Deucravacitinib versus placebo and apremilast in moderate to severe plaque psoriasis: Efficacy and safety results from the 52-week, randomized, double-blinded, placebo-controlled phase 3 POETIK PSO-1 trial

Caution: Product has not been fully validated for medical applications. For research use only.

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