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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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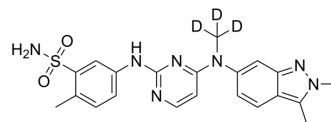
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Pazopanib-d₃

Cat. No.:	HY-10208S2
CAS No.:	1219591-97-5
Molecular Formula:	C ₂₁ H ₂₀ D ₃ N ₇ O ₂ S
Molecular Weight:	440.54
Target:	Isotope-Labeled Compounds; Autophagy; VEGFR; c-Kit; PDGFR; FGFR
Pathway:	Others; Autophagy; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Pazopanib-d₃ (GW786034-d₃) is deuterium labeled Pazopanib. Pazopanib (GW786034) is a novel multi-target inhibitor of VEGFR1, VEGFR2, VEGFR3, PDGFR β , c-Kit, FGFR1, and c-Fms with IC₅₀s of 10, 30, 47, 84, 74, 140 and 146 nM, respectively^[1].

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother.* 2019 Feb;53(2):211-216.
- [2]. Thakur A, et al. Pazopanib, a multitargeted tyrosine kinase inhibitor, reduces diabetic retinal vascular leukostasis and leakage. *Microvasc Res.* 2011 Nov;82(3):346-50.
- [3]. Harris PA, et al. Discovery of 5-[[4-[(2,3-dimethyl-2H-indazol-6-yl)methylamino]-2-pyrimidinyl]amino]-2-methyl-benzenesulfonamide (Pazopanib), a novel and potent vascular endothelial growth factor receptor inhibitor. *J Med Chem.* 2008, 51(15), 4632-4640.

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

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