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Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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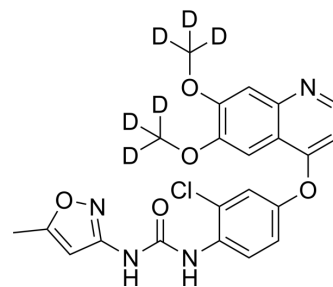
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Tivozanib-d₆

Cat. No.:	HY-10977S
CAS No.:	1714998-87-4
Molecular Formula:	C ₂₂ H ₁₃ D ₆ ClN ₄ O ₅
Molecular Weight:	460.9
Target:	Isotope-Labeled Compounds; VEGFR
Pathway:	Others; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Tivozanib-d₆ (AV-951-d₆) is deuterium labeled Tivozanib. Tivozanib (AV-951; KRN951) is a selective, orally active inhibitor for vascular endothelial growth factor receptor (VEGFR)-1, 2, 3, with IC₅₀s of 30, 6.5 and 15 nM, respectively. Tivozanib exhibits antitumor efficacy^{[1][2]}.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019 Feb;53(2):211-216.
- [2]. Nakamura K, et al., KRN951, a highly potent inhibitor of vascular endothelial growth factor receptor tyrosine kinases, has antitumor activities and affects functional vascular properties. Cancer Res. 2006 Sep 15;66(18):9134-42.

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

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