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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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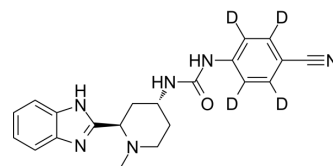
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Glasdegib-d₄

Cat. No.:	HY-16391S1
Molecular Formula:	C ₂₁ H ₁₈ D ₄ N ₆ O
Molecular Weight:	378.46
Target:	Isotope-Labeled Compounds; Smo
Pathway:	Others; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Glasdegib-d₄ (PF-04449913-d₄) is deuterium labeled Glasdegib. Glasdegib (PF-04449913) is a potent and orally bioavailable smoothened inhibitor. Glasdegib (PF-04449913) binds to human SMO (amino acids 181-787) with an IC₅₀ of 4 nM^{[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]. Sadarangani A, et al. GLI2 inhibition abrogates human leukemia stem cell dormancy. J Transl Med. 2015 Mar 21;13:98.

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

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