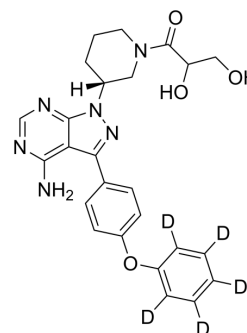


Dihydrodiol-Ibrutinib-d₅

Cat. No.:	HY-100659S
CAS No.:	2068022-09-1
Molecular Formula:	C ₂₅ H ₂₁ D ₅ N ₆ O ₄
Molecular Weight:	479.54
Target:	Btk; Isotope-Labeled Compounds
Pathway:	Protein Tyrosine Kinase/RTK; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Dihydrodiol-Ibrutinib-d₅ is the deuterium labeled Dihydrodiol-Ibrutinib (HY-100659). Dihydrodiol-Ibrutinib is a dihydrodiol active metabolite of Ibrutinib (HY-10997), has inhibitory activity towards BTK approximately 15 times lower than that of ibrutinib^[1].

REFERENCES

[1]. Sridhar Veerarahavan, et al. Simultaneous quantification of lenalidomide, ibrutinib and its active metabolite PCI-45227 in rat plasma by LC-MS/MS: application to a pharmacokinetic study. J Pharm Biomed Anal

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

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