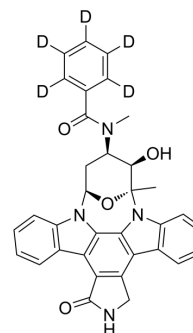


O-Desmethyl Midostaurin-d₅

Cat. No.:	HY-129491S
Molecular Formula:	C ₃₄ H ₂₃ D ₅ N ₄ O ₄
Molecular Weight:	561.64
Target:	Drug Metabolite; Isotope-Labeled Compounds
Pathway:	Metabolic Enzyme/Protease; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	O-Desmethyl Midostaurin-d ₅ is a deuterium labeled O-Desmethyl PKC412. O-Desmethyl Midostaurin (CGP62221; O-Desmethyl PKC412) is the active metabolite of Midostaurin (HY-10230) via cytochrome P450 liver enzyme metabolism[1].
IC ₅₀ & Target	IC50: active metabolite of Midostaurin ^[1]

REFERENCES

[1]. Levis M, et al. Plasma inhibitory activity (PIA): a pharmacodynamic assay reveals insights into the basis for cytotoxic response to FLT3 inhibitors. Blood. 2006 Nov 15;108(10):3477-83.

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

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