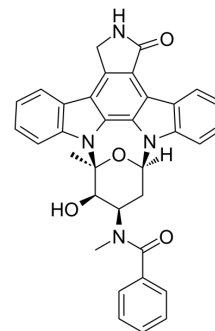


O-Desmethyl Midostaurin

Cat. No.:	HY-129491		
CAS No.:	740816-86-8		
Molecular Formula:	C ₃₄ H ₂₈ N ₄ O ₄		
Molecular Weight:	556.61		
Target:	PKC		
Pathway:	Epigenetics; TGF-beta/Smad		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

O-Desmethyl Midostaurin (CGP62221; O-Desmethyl PKC412) is the active metabolite of Midostaurin (HY-10230) via cytochrome P450 liver enzyme metabolism. O-Desmethyl Midostaurin can be used as an indicator for Midostaurin metabolism in vivo^[1]. Midostaurin is a multi-targeted protein kinase inhibitor with IC₅₀ ranging from 22-500 nM.

IC₅₀ & 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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