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**Product Data Sheet**


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Product Name: O-Desmethyl Midostaurin-d5

Cat. No.: GC61148

**Chemical Properties**

Cas. No.

SMILES O=C1C2=C(C(C3=C4C=CC=C3)=C5N4[C@]6(O[C@@H](N7C5=C2C8=C7C=CC=C8)C[C@H]([C@H]6O)N(C(C(C([2H])=C9[2H])=C(C([2H])=C9[2H])[2H])=O)C)C)CN1

Formula C<sub>34</sub>H<sub>23</sub>D<sub>5</sub>N<sub>4</sub>O<sub>4</sub> M.Wt 561.64

Solubility Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

O-Desmethyl PKC412-d5 (CGP62221-d5) is a deuterium labeled O-Desmethyl PKC412. O-Desmethyl Midostaurin (CGP62221; O-Desmethyl PKC412) is the active metabolite of Midostaurin via cytochrome P450 liver enzyme metabolism[1].

[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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