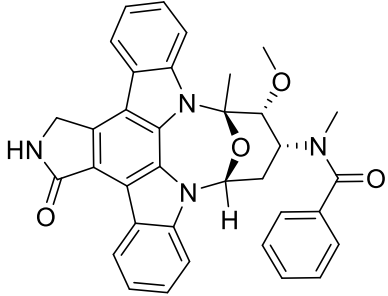




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
201850	Midostaurin	C8R11B02

Chemical name	
N-((5R,7R,8R,9S)-8-methoxy-9-methyl-16-oxo-6,7,8,9,15,16-hexahydro-5H,14H-17-oxa-4b,9a,15-triaza-5,9-methanodibenzo[b,h]cyclonona[jkl]cyclopenta[e]-as-indacen-7-yl)-N-methylbenzamide	
Synonyms	
PKC-412; PKC412; PKC 412; PKC412A; PKC-412A; PKC 412A; CGP41251; CGP 41251; CGP-41251; Midostaurin	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 201850 Name: Midostaurin CAS#: 120685-11-2 Lot#: C8R11B02 Chemical Formula: C ₃₅ H ₃₀ N ₄ O ₄ Exact Mass: 570.22671 Molecular Weight: 570.637

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>98.0%
Solubility	Soluble in DMSO.
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE