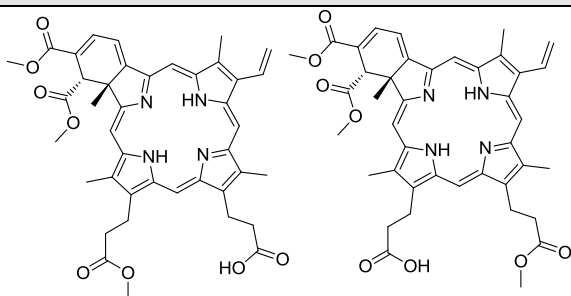


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
203120	Verteporfin	ZY71029

Chemical name	
3-[(23S,24R)-14-ethenyl-5-(3-methoxy-3-oxopropyl)-22,23-bis(methoxycarbonyl)-4,10,15,24-tetramethyl-25,26,27,28-tetraazahexacyclo[16.6.1.13.6.18,11.113,16.019,24]octacosan-1,3,5,7,9,11(27),12,14,16,18(25),19,21-dodecaen-9-yl]propanoic acid.	
Synonyms	
Visudyne; DB00460; CL 318,952; Benzoporphyrin D; Bpd-MA; AIDS350621; AIDS-350621; Benzoporphyrin derivative monoacid ring A.	
Chemical structure	CAS# and Theoretical analysis
 <p>Two isomers (1:1)</p>	<p>MedKoo Cat#: 203120 Name: Verteporfin CAS#: 129497-78-5 Lot#: ZY71029 Chemical Formula: C₄₁H₄₂N₄O₈ Exact Mass: 718.30 Molecular Weight: 718.79</p>

Analysis item	Specifications / Results
Appearance	Black 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