



Certificate of Analysis

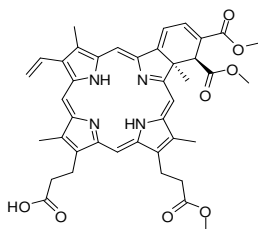
Axon Catalogue ID: 3354 **Batch Number:** 1

Product Name: Verteporfin

Alternative Name(s): Visudyne

IUPAC Name: (4R,4aS)-rel-18-Ethenyl-4,4a-dihydro-3,4-bis(methoxycarbonyl)-4a,8,14,19-tetramethyl-24H,26H-benzo[b]porphine-9,13-dipropanoic acid monomethyl ester

Structure:



Amount:

CAS number(s): 129497-78-5

Molecular Formula: C₄₁H₄₂N₄O₈ **Molecular Weight:** 718.79

Batch Molecular Formula: C₄₁H₄₂N₄O₈.0.5H₂O **Batch Molecular Weight:** 727.80

Appearance: Black solid **Observed mp:** 242 °C

TLC (R_f): 0.6 DCM/MeOH (9:1)

Chemical Purity: 99.4%

¹H-NMR: Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 67.66, H 5.96, N 7.70; Found: C 67.51, H 6.03, N 7.59

Storage Conditions: Store at -20 °C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	0.0	0.0	Insoluble
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)			Not Tested
DMSO	72.8	>100 mM	
EtOH			Not Tested

Remarks: Light sensitive.

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only