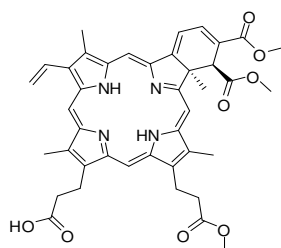


Certificate of Analysis

Axon Catalogue ID: 3354 **Batch Number:** 2
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:** 240 °C
TLC (R_f): 0.6 DCM/MeOH (9:1)
Chemical Purity: 99.6%
Optical Purity (ee): N.A.
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 67.55, H 5.87, N 7.58
Storage Conditions: Store at -20 °C

Solubility Data:	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.

QC Date: 23-02-2021

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