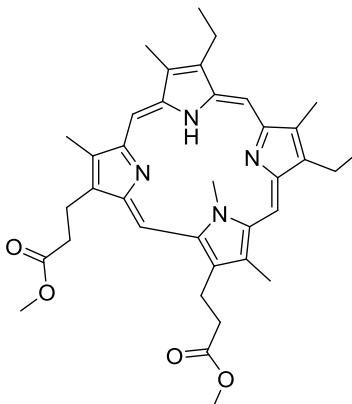




Certificate of Analysis



IUPAC	N-Methylmesoporphyrin IX dimethyl ester
Molecular Weight	608.79
Molecular Formula	C ₃₇ H ₄₄ N ₄ O ₄
Physical State	Solid
Storage	-20 °C
Expiration Date	One year from date of receipt
Lot Number	

Analysis	Specification	Result
Physical Examination	White Solid	PASS
TLC	Ninhydrin: positive Iodine: one major spot	PASS
Chemical Purity (HPLC)	>97%	PASS
Mass Spectroscopy	[M+H] ⁺ = 608.8 ± 1 amu	[M+H] ⁺ = 608.7
¹ H NMR	Consistent with structure	PASS

Approved by The Head of Quality Assurance
Department: