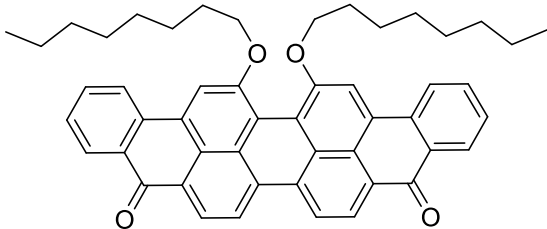




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
555908	Violanthrone-79	A21T05K28

Chemical name	
16,17-bis(octyloxy)anthra[9,1,2-cde]benzo[rst]pentaphene-5,10-dione	
Synonyms	
Violanthrone-79; Violanthrone 79; Violanthrone79	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 555908 Name: Violanthrone-79 CAS#: 85652-50-2 Lot#: A21T05K28 Chemical Formula: C ₅₀ H ₄₈ O ₄ Exact Mass: 712.3553 Molecular Weight: 712.93

Analysis item	Specifications / Results
Appearance	Dark green 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	Slightly soluble in chloroform.
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 3 years if properly stored.

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