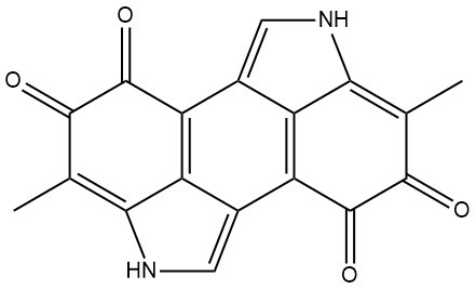
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SPECIFICATION SHEET

Product Name	AkVEri® Synthetic Melanin(suitable for cell culture)	**Molecular Structure**
CAS No.	8049-97-6	
Molecular Formula	$C_{18}H_{10}N_2O_4$	
Molecular Weight	318.29	
Product Specification	98% by TLC	
Country of Origin	China	

QUALITY SPECIFICATIONS

ITEMS	SPECIFICATIONS	METHODS
Appearance	Black powder	Visual
Solubility	Dark brown solution with a few insolubles at 10 mg plus 10 ml of 1% hydrogen peroxide,pH 10	JT-SOP-QC021
Identification	Infrared spectroscopy	SOP-EQ-EE-018
Purity	⩾98%	TLC

STORAGE, STABILITY & PACKAGING

Storage	Store under frozen or refrigerated conditions, keep away from strong light and heat.
Shelf Life	60 months when sealed and properly stored.
Packaging	Fine Vials or as requested.
Use	For R&D and analytical purposes only. Do not use for medicinal applications or any other purposes.