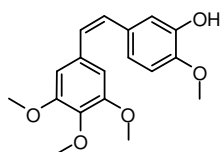




Certificate of Analysis

Axon Catalogue ID: 1233 **Batch Number:** 1
Product Name: Combretastatin-A4
Alternative Name(s): CA 4
IUPAC Name: 2-Methoxy-5-(3,4,5-trimethoxystyryl)phenol

Structure:



Amount:

CAS number(s): 117048-59-6
Molecular Formula: C₁₈H₂₀O₅ **Molecular Weight:** 316.35
Batch Molecular Formula: C₁₈H₂₀O₅ **Batch Molecular Weight:** 316.35
Appearance: White solid **Observed mp:** 80.5 - 80.9 °C
TLC (R_f): 0.54 Hex/EtOAc (1:1)
Chemical Purity: 99.0%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 68.64, H 6.37, N 0.00; Found: C ND, H ND, N <0.10
Storage Conditions: Store at -20 °C

Solubility Data:	Solvent	Solubility	Solubility	Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	4.2	13.2	
	0.1N HCl (aq)			Not Tested
	DMSO	31.6	>100 mM	
	EtOH			Not Tested

Remarks: Light Sensitive; Stock solutions need to be stored at -20°C or below.

QC Date: 18-04-2019

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