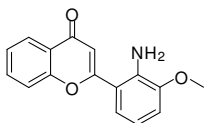




Certificate of Analysis

Axon Catalogue ID: 1223 **Batch Number:** 2
Product Name: PD98059
Alternative Name(s): NSC 679828
IUPAC Name: 2-(2-Amino-3-methoxyphenyl)-4H-chromen-4-one

Structure:



Amount:

CAS number(s): 167869-21-8
Molecular Formula: C₁₆H₁₃NO₃ **Molecular Weight:** 267.28
Batch Molecular Formula: C₁₆H₁₃NO₃ **Batch Molecular Weight:** 267.28
Appearance: Yellow solid **Observed mp:** 171.4 - 171.8 °C
TLC (R_f): 0.4 Hex/EtOAc (4:1)
Chemical Purity: 99.5%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 71.90, H 4.90, N 5.24; Found: C 71.67, H 4.89, N 5.30
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	0.0	0.0	Insoluble
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	18.0	67.3	
	EtOH	3.6	13.5	

Remarks:

QC Date: 14-10-2022

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