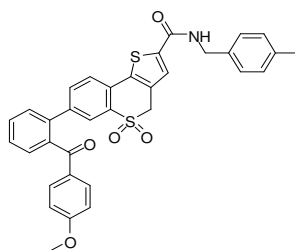




Certificate of Analysis

Axon Catalogue ID: 3068 **Batch Number:** 1
Product Name: WEHI-9625
Alternative Name(s): N.A.
IUPAC Name: 7-[2-(4-Methoxybenzoyl)phenyl]-N-[(4-methylphenyl)methyl]-5,5-dioxo-4H-thieno[3,2-c]thiochromene-2-carboxamide

Structure:



Amount:

CAS number(s): N.A.
Molecular Formula: C₃₄H₂₇N₂O₅S₂ **Molecular Weight:** 593.71
Batch Molecular Formula: C₃₄H₂₇N₂O₅S₂·0.25H₂O **Batch Molecular Weight:** 598.22
Appearance: Pale-yellow solid **Observed mp:** 158 °C
TLC (R_f): 0.5 PE/EtOAc (1:1)
Chemical Purity: 99.3%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 68.26, H 4.63, N 2.34; Found: C 68.28, H 4.52, N 2.38
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)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	44.9	75.1	
	EtOH			Not Tested

Remarks:

QC Date: 13-05-2020

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