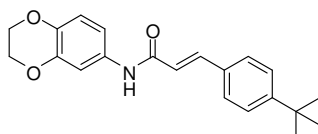




Certificate of Analysis

Axon Catalogue ID: 3356 **Batch Number:** 1
Product Name: AMG 9810
Alternative Name(s): N.A.
IUPAC Name: (E)-3-(4-tert-Butylphenyl)-N-(2,3-dihydrobenzo[b][1,4]dioxin-6-yl)acrylamide

Structure:



Amount:

CAS number(s): 545395-94-6
Molecular Formula: C₂₁H₂₃NO₃ **Molecular Weight:** 337.41
Batch Molecular Formula: C₂₁H₂₃NO₃ **Batch Molecular Weight:** 337.41
Appearance: Off-white solid **Observed mp:** 176.7 - 179.0 °C
TLC (R_f): 0.21 Hex/EtOAc (4:1)
Chemical Purity: 99.9%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 74.75, H 6.87, N 4.15; Found: C 74.85, H 7.13, N 4.48
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	33.7	>100 mM	
	EtOH	8.8	26.1	

Remarks:

QC Date: 09-03-2021

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