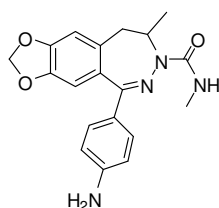




Certificate of Analysis

Axon Catalogue ID: 1374 **Batch Number:** 2
Product Name: GYKI 53655
Alternative Name(s): LY 300168
IUPAC Name: 5-(4-Amino-phenyl)-8-methyl-8,9-dihydro-1,3-dioxo-6,7-diaza-cyclohepta[*f*]indene-7-carboxylic acid methylamide

Structure:



Amount:

CAS number(s): 143692-18-6
Molecular Formula: C₁₉H₂₀N₄O₃ **Molecular Weight:** 532.39
Batch Molecular Formula: C₁₉H₂₀N₄O₃ **Batch Molecular Weight:** 532.39
Appearance: Pale-yellow solid **Observed mp:** 203 - 204 °C
TLC (R_f): 0.4 DCM/MeOH (9:1)
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 64.76, H 5.72, N 15.90; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	45.0	84.5	
	EtOH	12.0	22.5	

Remarks:

QC Date: 14-01-2020

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