



Certificate of Analysis

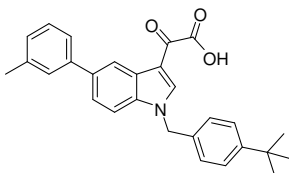
Axon Catalogue ID: 3710 **Batch Number:** 1

Product Name: PAZ-417

Alternative Name(s): Aleplasinin

IUPAC Name: 2-(1-(4-tert-Butylbenzyl)-5-m-tolyl-1H-indol-3-yl)-2-oxoacetic acid

Structure:



Amount:

CAS number(s): 481629-87-2

Molecular Formula: C₂₈H₂₇NO₃

Molecular Weight: 425.52

Batch Molecular Formula: C₂₈H₂₇NO₃·0.25H₂O

Batch Molecular Weight: 430.02

Appearance: Off-white solid

Observed mp: 127.8 - 128.7 °C

TLC (R_f): 0.3 DCM/MeOH (4:1)

Chemical Purity: 99.5%

¹H-NMR: Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 78.21, H 6.45, N 3.26; Found: C 78.31, H 6.39, N 3.19

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)			Not Tested
	DMSO	43.0	>100 mM	
	EtOH	10.5	24.4	

Remarks:

QC Date: 15-9-2022

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