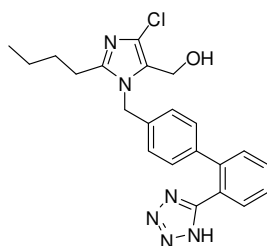


Certificate of Analysis

Axon Catalogue ID: 3102 **Batch Number:** 1
Product Name: Losartan
Alternative Name(s): EX 89; DUP 89
IUPAC Name: (1-((2'-(1H-Tetrazol-5-yl)biphenyl-4-yl)methyl)-2-butyl-4-chloro-1H-imidazol-5-yl)methanol

Structure:



Amount:

CAS number(s): 114798-26-4
Molecular Formula: C₂₂H₂₃ClN₆O **Molecular Weight:** 422.91
Batch Molecular Formula: C₂₂H₂₃ClN₆O **Batch Molecular Weight:** 422.91
Appearance: Off-white solid **Observed mp:** 180.7 - 181.3 °C
TLC (R_f): 0.59 DCM/MeOH (4:1)
Chemical Purity: 99.4%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 62.48, H 5.48, N 19.87; Found: C 62.25, H 5.55, N 20.14
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	10.3	24.4	
	0.1N HCl (aq)			Not Tested
	DMSO	42.3	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 07-04-2020

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