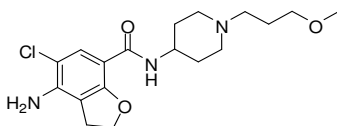




Certificate of Analysis

Axon Catalogue ID: 1479 **Batch Number:** 2
Product Name: Prucalopride
Alternative Name(s): N.A.
IUPAC Name: 4-Amino-5-chloro-2,3-dihydro-benzofuran-7-carboxylic acid [1-(3-methoxy-propyl)-piperidin-4-yl]-amide

Structure:



Amount:

CAS number: 179474-81-8
Batch Molecular Formula: C18H26ClN3O3 **Batch MW:** 367.87
Appearance: Pale-tan powder **Observed mp:** 91.3 - 91.5 °C
TLC (R_f): 0.5 DCM/MeOH (9:1)
Chemical Purity: 99.5%
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 58.77 , H 7.12 , N 11.42 Found: C ND , H ND , N ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	36.8	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 17-08-2010

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