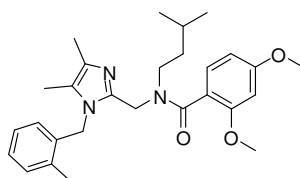


Certificate of Analysis

Axon Catalogue ID: 1132 **Batch Number:** 2
Product Name: GLP-1 antagonist
Alternative Name(s): N.A.
IUPAC Name: N-((4,5-Dimethyl-1-(2-methylbenzyl)-1H-imidazol-2-yl)methyl)-N-isopentyl-2,4-dimethoxybenzamide

Structure:



Amount:

CAS number(s): 475466-57-0
Molecular Formula: C₂₈H₃₇N₃O₃ **Molecular Weight:** 463.61
Batch Molecular Formula: C₂₈H₃₇N₃O₃ **Batch Molecular Weight:** 463.61
Appearance: White solid **Observed mp:** 103 - 105 °C
TLC (R_f): 0.6 DCM/MeOH/NH₃ (20:1:0.1)
Chemical Purity: 98.6%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 72.54, H 8.04, N 9.06; Found: C 72.49, H 8.27, N 8.99
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	35.0	75.5	
	EtOH			Not Tested

Remarks:

QC Date: 16-11-2018

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