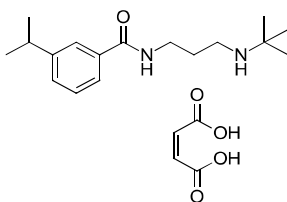




Certificate of Analysis

Axon Catalogue ID: 4105 **Batch Number:** 1
Product Name: UNC3474 maleate
Alternative Name(s): N.A.
IUPAC Name: N-(3-(tert-Butylamino)propyl)-3-isopropylbenzamide maleate

Structure:



Amount:

CAS number(s): 1648707-79-2 (parent)
Molecular Formula: C₁₇H₂₈N₂O₄ **Molecular Weight:** 392.49
Batch Molecular Formula: C₁₇H₂₈N₂O₄·0.5H₂O **Batch Molecular Weight:** 401.50
Appearance: Off-white solid **Observed mp:** 142 - 153 °C
TLC (R_f): 0.25 DCM/MeOH/NH₃ (20:1:0.1)
Chemical Purity: 99.3%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 62.82, H 8.28, N 6.98; Found: C 62.80, H 8.17, N 7.23
Storage Conditions: Desiccate at -20 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	7.6	18.9	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	40.1	>100 mM	
	EtOH	26.7	66.4	

Remarks:

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