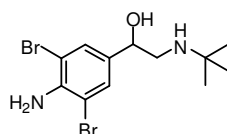




Certificate of Analysis

Axon Catalogue ID: 1157 **Batch Number:** 1
Product Name: Bromobuterol
Alternative Name(s): N.A.
IUPAC Name: 1-(4-Amino-3,5-dibromo-phenyl)-2-tert-butylamino-ethanol

Structure:



Amount:

CAS number(s): 41937-02-4
Molecular Formula: C₁₂H₁₈Br₂N₂O **Molecular Weight:** 366.09
Batch Molecular Formula: C₁₂H₁₈Br₂N₂O **Batch Molecular Weight:** 366.09
Appearance: White solid **Observed mp:** 117.5 - 119.5 °C
TLC (R_f): 0.25 DCM/MeOH (9:1)
Chemical Purity: 99.1%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 39.37, H 4.96, N 7.65, Br 43.65; Found: C ND, H ND, N ND, Br ND
Storage Conditions: Desiccate at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	36.6	>100 mM	
	EtOH	26.5	72.5	

Remarks:

QC Date: 30-10-2019

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