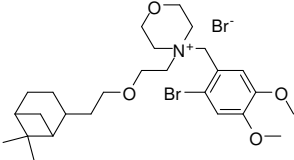




Certificate of Analysis

Axon Catalogue ID:	3887	Batch Number:	1
Product Name:	Pinaverium bromide		
Alternative Name(s):	LAT1717		
IUPAC Name:	4-(2-Bromo-4,5-dimethoxybenzyl)-4-(2-(2-(6,6-dimethylbicyclo[3.1.1]heptan-2-yl)ethoxy)ethyl)morpholin-4-ium bromide		
Structure:			Amount:
CAS number(s):	59995-65-2 (parent), 53251-94-8 (bromide (1:1))		
Molecular Formula:	C26H41Br2NO4	Molecular Weight:	591.42
Batch Molecular Formula:	C26H41Br2NO4	Batch Molecular Weight:	591.42
Appearance:	White solid	Observed mp:	162.8 - 169.4 °C
TLC (R_f):	0.8 DCM/MeOH/AcOH (1:1:0.1)		
Chemical Purity:	99.5%		
¹H-NMR:	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 52.80, H 6.99, N 2.37; Found: C 52.86, H 7.01, N 2.45		
Storage Conditions:	Desiccate at -20 °C		
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)
	Water	0.0	0.0
	0.1N NaOH (aq)		
	0.1N HCl (aq)		
	DMSO	42.0	71.0
	EtOH	17.0	28.7
Remarks:			
QC Date:	3-4-2023		

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