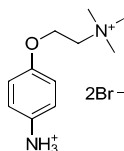


Certificate of Analysis

Axon Catalogue ID: 1876 **Batch Number:** 2
Product Name: 4-APC
Alternative Name(s): VUF 11000
IUPAC Name: 4-(2-(Trimethylammonio)ethoxy)benzenaminium dibromide

Structure:



Amount:

CAS number(s): 76201-92-8 (parent), 1076196-38-7 (Br- (1:2))
Molecular Formula: C₁₁H₂₀Br₂N₂O **Molecular Weight:** 356.10
Batch Molecular Formula: C₁₁H₂₀Br₂N₂O **Batch Molecular Weight:** 356.10
Appearance: Brown solid **Observed mp:** 260 - 265 °C
TLC (R_f): 0.2 MeOH/NH₃ (1:0.1)
Chemical Purity: 100%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 37.10, H 5.66, N 7.87; Found: C 36.96, H 5.71, N 7.81
Storage Conditions: Desiccate at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	10.0	28.1	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	15.6	43.8	
	EtOH	10.4	29.2	

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