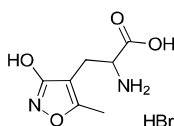




Certificate of Analysis

Axon Catalogue ID: 3413 **Batch Number:** 2
Product Name: (RS)-AMPA hydrobromide
Alternative Name(s): N.A.
IUPAC Name: 2-Amino-3-(3-hydroxy-5-methylisoxazol-4-yl)propanoic acid hydrobromide

Structure:



Amount:

CAS number(s): 77521-29-0 (parent), 171259-81-7 (HBr (1:1))
Molecular Formula: C₇H₁₀N₂O₄.HBr **Molecular Weight:** 267.08
Batch Molecular Formula: C₇H₁₀N₂O₄.HBr.0.8H₂O **Batch Molecular Weight:** 281.49
Appearance: White solid **Observed mp:** 201 °C (decomp)
TLC (R_f): 0.2 BuOH/H₂O/AcOH (7:2:1)
Chemical Purity: 98.6%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 29.87, H 4.51, N 9.95; Found: C 29.41, H 4.06, N 9.78
Storage Conditions: Desiccate at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	28.1	>100 mM	Not Tested
	0.1N NaOH (aq)			
	0.1N HCl (aq)			Not Tested
	DMSO	28.1	>100 mM	
	EtOH	28.1	>100 mM	

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