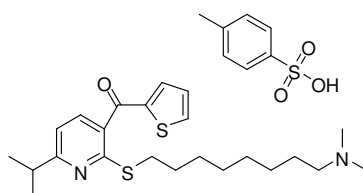




Certificate of Analysis

Axon Catalogue ID: 2911 **Batch Number:** 1
Product Name: Y 29794 tosylate
Alternative Name(s): N.A.
IUPAC Name: (2-(8-(Dimethylamino)octylthio)-6-isopropylpyridin-3-yl)(thiophen-2-yl)methanone tosylate

Structure:



Amount:

CAS number(s): 129184-48-1 (parent), 143984-17-2 (tosylate (1:1))
Molecular Formula: C₂₃H₃₄N₂O₂S₂.C₇H₈O₃S **Molecular Weight:** 590.86
Batch Molecular Formula: C₂₃H₃₄N₂O₂S₂.C₇H₈O₃S **Batch Molecular Weight:** 590.86
Appearance: Beige solid **Observed mp:** 135.1 - 136.3 °C
TLC (R_f): 0.7 DCM/MeOH/NH₃ (9:1:0.1)
Chemical Purity: 99.0%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 60.98, H 7.16, N 4.74; Found: C 60.64, H 7.14, N 4.68
Storage Conditions: Desiccate at -20 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	36.0	60.9	
	EtOH			Not Tested

Remarks:

QC Date: 28-11-2018

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