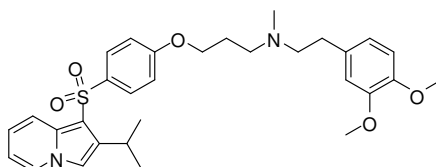




Certificate of Analysis

Axon Catalogue ID: 2952 **Batch Number:** 1
Product Name: Fantofarone
Alternative Name(s): SR 33557
IUPAC Name: N-(3,4-Dimethoxyphenethyl)-3-(4-(2-isopropylindolizin-1-ylsulfonyl)phenoxy)-N-methylpropan-1-amine

Structure:



Amount:

CAS number(s): 114432-13-2
Molecular Formula: C₃₁H₃₈N₂O₅S **Molecular Weight:** 550.71
Batch Molecular Formula: C₃₁H₃₈N₂O₅S **Batch Molecular Weight:** 550.71
Appearance: Beige solid **Observed mp:** 81.2 - 83.0 °C
TLC (R_f): 0.7 DCM/MeOH (9:1)
Chemical Purity: 98.1%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 67.61, H 6.95, N 5.09; Found: C 67.80, H 7.11, N 5.00
Storage Conditions: Store at +4 °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)	0.0	0.0	Insoluble
	DMSO	30.0	54.5	
	EtOH			Not Tested

Remarks:

QC Date: 26-04-2019

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