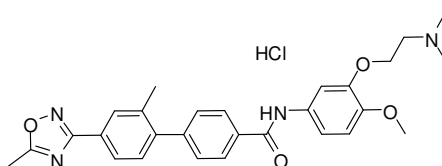




Certificate of Analysis

Axon Catalogue ID: 1085 **Batch Number:** 1
Product Name: SB 216641 hydrochloride
Alternative Name(s): N.A.
IUPAC Name: N-(3-(2-(Dimethylamino)ethoxy)-4-methoxyphenyl)-2'-methyl-4'-(5-methyl-1,2,4-oxadiazol-3-yl)biphenyl-4-carboxamide hydrochloride

Structure:



Amount:

CAS number(s): 170230-39-4 (parent), 193611-67-5 (HCl (1:1))
Molecular Formula: C₂₈H₃₀N₄O₄.HCl **Molecular Weight:** 523.02
Batch Molecular Formula: C₂₈H₃₀N₄O₄.HCl **Batch Molecular Weight:** 523.02
Appearance: White solid **Observed mp:** 207 - 209 °C
TLC (R_f): 0.4 DCM/MeOH (9:1)
Chemical Purity: 98.9%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 64.30, H 5.97, N 10.71; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	26.0	49.7	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO			Not Tested
	EtOH			Not Tested

Remarks:

QC Date: 08-06-2009

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