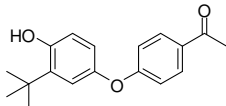




Certificate of Analysis

Axon Catalogue ID:	3118	Batch Number:	1	
Product Name:	DS45500853			
Alternative Name(s):	N.A.			
IUPAC Name:	1-(4-(3-tert-Butyl-4-hydroxyphenoxy)phenyl)ethanone			
Structure:		Amount:		
CAS number(s):	2735803-28-6			
Molecular Formula:	C ₁₈ H ₂₀ O ₃	Molecular Weight:	284.35	
Batch Molecular Formula:	C ₁₈ H ₂₀ O ₃	Batch Molecular Weight:	284.35	
Appearance:	White solid	Observed mp:	162.1 - 163.8 °C	
TLC (R_f):	0.4	Hex/EtOAc (4:1)		
Chemical Purity:	99.6%			
Optical Purity (ee):	N.A.			
¹H-NMR:	Analytical data confirm chemical structure			
Mass Spec:	Analytical data confirm chemical structure			
Microanalysis:	Calculated: C 76.03, H 7.09, N 0.00; Found: C 76.12, H 7.09, N <0.10			
Storage Conditions:	Store at	+4 °C		
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	28.4	>100 mM	
	EtOH	28.4	>100 mM	
Remarks:				
QC Date:	11-4-2022			

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