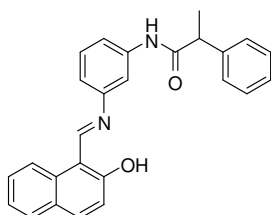




Certificate of Analysis

Axon Catalogue ID: 2704 **Batch Number:** 1
Product Name: Salermide
Alternative Name(s): N.A.
IUPAC Name: N-(3-((2-Hydroxynaphthalen-1-yl)methyleneamino)phenyl)-2-phenylpropanamide

Structure:



Amount:

CAS number(s): 1105698-15-4
Molecular Formula: C₂₆H₂₂N₂O₂ **Molecular Weight:** 394.47
Batch Molecular Formula: C₂₆H₂₂N₂O₂ **Batch Molecular Weight:** 394.47
Appearance: Yellow solid **Observed mp:** 177.8 - 178.6 °C
TLC (R_f): 0.75 DCM/MeOH (9:1)
Chemical Purity: 99.9%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 79.16, H 5.62, N 7.10; Found: C 79.32, H 5.54, N 7.18
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)	0.0	0.0	Insoluble
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	39.4	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 06-04-2017

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