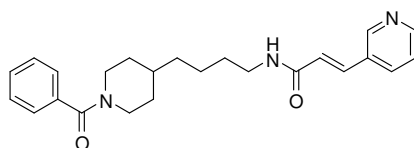




Certificate of Analysis

Axon Catalogue ID: 1279 **Batch Number:** 5
Product Name: FK 866
Alternative Name(s): N.A.
IUPAC Name: (E)-N-[4-(1-Benzoyl-piperidin-4-yl)-butyl]-3-pyridin-3-yl-acrylamide

Structure:



Amount:

CAS number(s): 658084-64-1
Molecular Formula: C₂₄H₂₉N₃O₂ **Molecular Weight:** 391.51
Batch Molecular Formula: C₂₄H₂₉N₃O₂ **Batch Molecular Weight:** 391.51
Appearance: Amber oil **Observed mp:** ND
TLC (R_f): 0.5 DCM/MeOH (9:1)
Chemical Purity: 99.6%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 77.63, H 7.47, N 10.74; Found: C ND, H ND, N ND
Storage Conditions: Store at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	8.0	20.4	Soluble when compensation with acid
	DMSO	11.0	28.1	
	EtOH	12.5	31.9	

Remarks: Store in amber vials, avoid light. The material was isolated as an amber oil which solidifies at lower temperatures. When allowed to warm up the material behaves as a sticky amber solid/oil.

QC Date: 01-10-2018

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