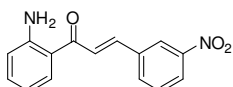




Certificate of Analysis

Axon Catalogue ID: 3295 **Batch Number:** 1
Product Name: BIA
Alternative Name(s): TMBIM6 antagonist BIA
IUPAC Name: (E)-1-(2-Aminophenyl)-3-(3-nitrophenyl)prop-2-en-1-one

Structure:



Amount:

CAS number(s): 134271-74-2
Molecular Formula: C₁₅H₁₂N₂O₃ **Molecular Weight:** 268.27
Batch Molecular Formula: C₁₅H₁₂N₂O₃ **Batch Molecular Weight:** 268.27
Appearance: Yellow solid **Observed mp:** 152 °C
TLC (R_f): 0.35 Hex/EtOAc (4:1)
Chemical Purity: 99.8%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 67.16, H 4.51, N 10.44; Found: C 67.16, H 4.52, N 10.29
Storage Conditions: Store at -20 °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)	1.0	3.7	Insoluble
	DMSO	26.8	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 16-7-2021

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