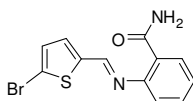




Certificate of Analysis

Axon Catalogue ID: 3437 **Batch Number:** 2
Product Name: BTYNB
Alternative Name(s): BTYNB IMP1 inhibitor
IUPAC Name: 2-((5-Bromothiophen-2-yl)methyleneamino)benzamide

Structure:



Amount:

CAS number(s): 304456-62-0
Molecular Formula: C₁₂H₉BrN₂O₂ **Molecular Weight:** 309.18
Batch Molecular Formula: C₁₂H₉BrN₂O₂ **Batch Molecular Weight:** 309.18
Appearance: Yellow solid **Observed mp:** 162.1 - 164.3 °C
TLC (R_f): 0.8 DCM/MeOH (20:1)
Chemical Purity: 98.7%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 46.62, H 2.93, N 9.06; Found: C 46.59, H 2.92, N 8.98
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)			Not Tested
	DMSO	30.9	>100 mM	
	EtOH	8.0	25.9	

Remarks:

QC Date: 10-9-2021

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