Certificate of Analysis

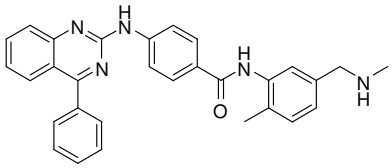
Axon Catalogue ID: 2356 **Batch Number:** 1

Product Name: BMS 833923

Alternative Name(s): XL 139

IUPAC Name: N-(2-Methyl-5-((methylamino)methyl)phenyl)-4-(4-phenylquinazolin-2-ylamino)benzamide

Structure:



Amount:

CAS number(s): 1059734-66-5

Molecular Formula: C30H27N5O **Molecular Weight:** 473.57

Batch Molecular Formula: C30H27N5O.0.5H2O **Batch Molecular Weight:** 482.58

Appearance: Yellow solid **Observed mp:** 110 - 112 °C

TLC (R_f)**:** 0.3 DCM/MeOH (9:1)

Chemical Purity: 99.4%

Optical Purity (ee): N.A.

1H-NMR: Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 74.67, H 5.85, N 14.51; Found: C 74.68, H 5.74, N 14.74

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	48.3	>100 mM	
EtOH			Not Tested

Remarks:

QC Date: 06-11-2020

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

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