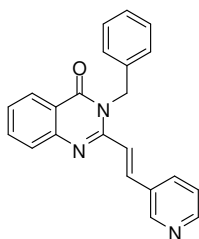


Certificate of Analysis

Axon Catalogue ID: 1911 **Batch Number:** 1
Product Name: RAD51 inhibitor B02
Alternative Name(s): N.A.
IUPAC Name: (E)-3-Benzyl-2-(2-(pyridin-3-yl)vinyl)quinazolin-4(3H)-one

Structure:



Amount:

CAS number(s): 1290541-46-6
Molecular Formula: C₂₂H₁₇N₃O **Molecular Weight:** 339.39
Batch Molecular Formula: C₂₂H₁₇N₃O **Batch Molecular Weight:** 339.39
Appearance: Yellow solid **Observed mp:** 176 °C
TLC (R_f): 0.7 DCM/MeOH (9:1)
Chemical Purity: 98.9%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 77.86, H 5.05, N 12.37; Found: C 77.72, H 4.98, N 12.28
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	13.0	38.3	
	EtOH			Not Tested

Remarks:

QC Date: 01-08-2018

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