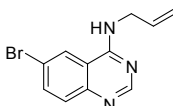




Certificate of Analysis

Axon Catalogue ID: 2627 **Batch Number:** 1
Product Name: SMER 28
Alternative Name(s): N.A.
IUPAC Name: N-Allyl-6-bromoquinazolin-4-amine

Structure:



Amount:

CAS number(s): 307538-42-7
Molecular Formula: C₁₁H₁₀BrN₃ **Molecular Weight:** 264.12
Batch Molecular Formula: C₁₁H₁₀BrN₃ **Batch Molecular Weight:** 264.12
Appearance: White solid **Observed mp:** 164.9 - 165.8 °C
TLC (R_f): 0.6 DCM/MeOH (9:1)
Chemical Purity: 99.9%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 50.02, H 3.82, N 15.91; Found: C 50.09, H 3.77, N 15.93
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)	7.6	28.8	Warming up to 40° required
	DMSO	26.4	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 25-10-2016

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