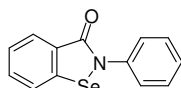




Certificate of Analysis

Axon Catalogue ID: 3424 **Batch Number:** 1
Product Name: Ebselen
Alternative Name(s): PZ51; SPI1005; DR3305
IUPAC Name: 2-Phenylbenzo[d][1,2]selenazol-3(2H)-one

Structure:



Amount:

CAS number(s): 60940-34-3
Molecular Formula: C₁₃H₉NOSe **Molecular Weight:** 274.18
Batch Molecular Formula: C₁₃H₉NOSe **Batch Molecular Weight:** 274.18
Appearance: Yellow solid **Observed mp:** 183.2 - 184.7 °C
TLC (R_f): 0.6 Hex/EtOAc (1:1)
Chemical Purity: 99.9%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 56.95, H 3.31, N 5.11; Found: C 56.95, H 3.27, N 5.14
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	27.4	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 21-06-2021

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