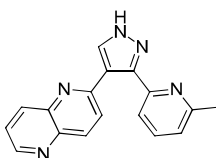




## Certificate of Analysis

**Axon Catalogue ID:** 4385 **Batch Number:** 1  
**Product Name:** RepSox  
**Alternative Name(s):** E616452; SJN2511  
**IUPAC Name:** 4-(1,5-Diaza-2-naphthyl)-3-(6-methyl-2-pyridyl)pyrazole

**Structure:**



**Amount:**

**CAS number(s):** 446859-33-2  
**Molecular Formula:** C<sub>17</sub>H<sub>13</sub>N<sub>5</sub> **Molecular Weight:** 287.32  
**Batch Molecular Formula:** C<sub>17</sub>H<sub>13</sub>N<sub>5</sub>.0.25H<sub>2</sub>O **Batch Molecular Weight:** 291.82  
**Appearance:** Off-white solid **Observed mp:** 192.3 - 193.5 °C  
**TLC (R<sub>f</sub>):** 0.3 DCM/MeOH (20:1)  
**Chemical Purity:** 99.7%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 69.97, H 4.66, N 24.00; Found: C 70.08, H 4.61, N 24.30  
**Storage Conditions:** Store at -20 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>	<b>Remarks</b>
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	29.2	>100 mM	
	EtOH	5.7	19.5	

**Remarks:**

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](mailto:info@axonmedchem.com) indicating Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**