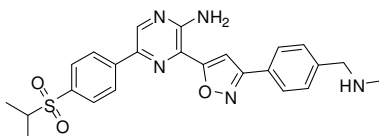




## Certificate of Analysis

**Axon Catalogue ID:** 2452 **Batch Number:** 2  
**Product Name:** VE 822  
**Alternative Name(s):** Berzosertib; VX 970  
**IUPAC Name:** 5-(4-(Isopropylsulfonyl)phenyl)-3-(3-(4-((methylamino)methyl)phenyl)isoxazol-5-yl)pyrazin-2-amine

**Structure:**



**Amount:**

**CAS number(s):** 1232416-25-9  
**Molecular Formula:** C<sub>24</sub>H<sub>25</sub>N<sub>5</sub>O<sub>3</sub>S **Molecular Weight:** 463.55  
**Batch Molecular Formula:** C<sub>24</sub>H<sub>25</sub>N<sub>5</sub>O<sub>3</sub>S **Batch Molecular Weight:** 463.55  
**Appearance:** Yellow solid **Observed mp:** 214.4 - 217.5 °C  
**TLC (R<sub>f</sub>):** 0.4 DCM/MeOH/NH<sub>3</sub> (9:1:0.1)  
**Chemical Purity:** 99.4%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 62.18, H 5.44, N 15.11; Found: C 61.80, H 5.46, N 15.24  
**Storage Conditions:** Store at +4 °C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	0.0	0.0	Insoluble
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)	10.0	21.6	
DMSO	3.8	8.2	* Sonication.
EtOH	0.0	0.0	Insoluble

**Remarks:** \* Sonication enhanced solubility.

**QC Date:** 8-8-2023

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**