



Certificate of Analysis

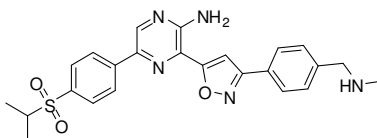
Axon Catalogue ID: 2452 **Batch Number:** 1

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: C₂₄H₂₅N₅O₃S **Molecular Weight:** 463.55

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Appearance: Yellow solid **Observed mp:** 212 °C

TLC (R_f): 0.48 DCM:MeOH (20:1:0.1)

Chemical Purity: 99.5%

Optical Purity (ee): N.A.

¹H-NMR (300 MHz): 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 61.86, H 5.30, N 14.97

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)	12.0	25.9	
	DMSO	11.3	24.4	
	EtOH			Not Tested

Remarks:

QC Date: 15-7-2020

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