



Certificate of Analysis

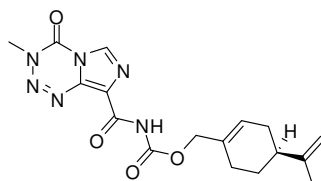
Axon Catalogue ID: 2327 **Batch Number:** 1

Product Name: NEO 212

Alternative Name(s): TMZ-POH

IUPAC Name: (S)-(4-(Prop-1-en-2-yl)cyclohex-1-enyl)methyl 3-methyl-4-oxo-3,4-dihydroimidazo[5,1-d][1,2,3,5]tetrazine-8-carboxylate

Structure:



Amount:

CAS number(s): 1361198-79-9

Molecular Formula: C₁₇H₂₀N₆O₄ **Molecular Weight:** 372.38

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Appearance: Off-white solid **Observed mp:** 119 - 120 °C

TLC (R_f): 0.32 Hex/EtOAc (1:1)

Chemical Purity: 99.1%

Optical Purity (ee): N.A.

¹H-NMR (300 MHz): Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 54.83, H 5.41, N 22.57; Found: C 54.65, H 5.23, N 22.47

Storage Conditions: Store at -20 °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	37.2	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 12-02-2020

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