



Certificate of Analysis

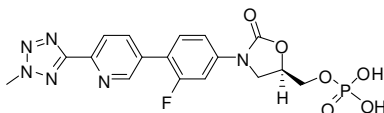
Axon Catalogue ID: 3312 **Batch Number:** 1

Product Name: Tedizolid phosphate

Alternative Name(s): TR701; Torezolid phosphate; DA7218

IUPAC Name: (R)-(3-(3-Fluoro-4-(6-(2-methyl-2H-tetrazol-5-yl)pyridin-3-yl)phenyl)-2-oxooxazolidin-5-yl)methyl dihydrogen phosphate

Structure:



Amount:

CAS number(s): 856867-55-5

Molecular Formula: C₁₇H₁₆FN₆O₆P **Molecular Weight:** 450.32

Batch Molecular Formula: C₁₇H₁₆FN₆O₆P **Batch Molecular Weight:** 450.32

Appearance: White solid **Observed mp:** 258 °C

TLC (R_f): 0.1 DCM/MeOH (1:1)

Chemical Purity: 99.9%

Optical Purity (ee): Optically pure

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

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 45.34, H 3.58, N 18.66; Found: C 45.30, H 3.46, N 18.70

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)	20.0	44.4	
	0.1N HCl (aq)			Not Tested
	DMSO	13.6	30.2	* Warming (40°C) and sonication
	EtOH	0.0	0.0	Insoluble

Remarks: * Warming (40°C) and sonication enhanced solubility.

QC Date: 7-3-2023

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 indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only