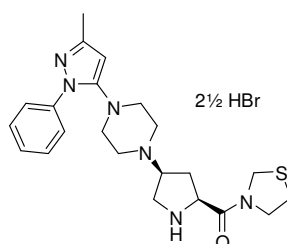


Certificate of Analysis

Axon Catalogue ID: 3309 **Batch Number:** 1
Product Name: Teneeligiptin hydrobromide
Alternative Name(s): N.A.
IUPAC Name: ((2S,4S)-4-(4-(3-Methyl-1-phenyl-1H-pyrazol-5-yl)piperazin-1-yl)pyrrolidin-2-yl)(thiazolidin-3-yl)methanone hydrobromide

Structure:



Amount:

CAS number(s): 760937-92-6 (parent), 906093-29-6 (HBr (2:5))
Molecular Formula: C₂₂H₃₀N₆O₂S.2.5HBr **Molecular Weight:** 628.86
Batch Molecular Formula: C₂₂H₃₀N₆O₂S.2.5HBr.1H₂O **Batch Molecular Weight:** 646.87
Appearance: Off-white solid **Observed mp:** 205 °C (decomp)
TLC (R_f): 0.69 DCM/MeOH (4:1)
Chemical Purity: 99.8%
Optical Purity (ee): Optically pure
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 40.85, H 5.38, N 12.99; Found: C 40.54, H 5.47, N 12.67
Storage Conditions: Desiccate at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	64.7	>100 mM	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	64.7	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 14-04-2021

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