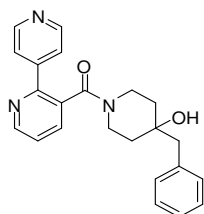




Certificate of Analysis

Axon Catalogue ID: 3485 **Batch Number:** 1
Product Name: Soticlestat
Alternative Name(s): TAK-935; OV935
IUPAC Name: 2,4'-Bipyridin-3-yl(4-benzyl-4-hydroxypiperidin-1-yl)methanone

Structure:



Amount:

CAS number(s): 1429505-03-2
Molecular Formula: C₂₃H₂₃N₃O₂ **Molecular Weight:** 373.45
Batch Molecular Formula: C₂₃H₂₃N₃O₂·0.5H₂O **Batch Molecular Weight:** 382.46
Appearance: Off-white solid **Observed mp:** 110.9 - 114.8 °C
TLC (R_f): 0.7 DCM/MeOH (9:1)
Chemical Purity: 100%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 72.23, H 6.33, N 10.99; Found: C 72.52, H 6.29, N 11.07
Storage Conditions: Store at +4 °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)	10.7	28.0	
	DMSO	38.2	>100 mM	
	EtOH	38.2	>100 mM	

Remarks:

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