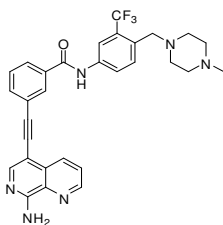


Certificate of Analysis

Axon Catalogue ID: 4186 **Batch Number:** 1
Product Name: HSL119
Alternative Name(s): N.A.
IUPAC Name: 3-((8-Amino-1,7-naphthyridin-5-yl)ethynyl)-N-(4-(4-methylpiperazin-1-yl)methyl)-3-(trifluoromethyl)phenyl)benzamide

Structure:



Amount:

CAS number(s): 2231745-56-3
Molecular Formula: C30H27F3N6O **Molecular Weight:** 544.57
Batch Molecular Formula: C30H27F3N6O.0.25H2O **Batch Molecular Weight:** 549.08
Appearance: Yellow solid **Observed mp:** 189 - 192 °C
TLC (R_f): 0.36 DCM/MeOH/NH₃ (20:1:0.1)
Chemical Purity: 99.4%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 65.62, H 5.05, N 15.31; Found: C 65.63, H 5.03, N 15.24
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)	21.3	38.8	
	DMSO	54.9	>100 mM	
	EtOH	17.0	31.0	

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