

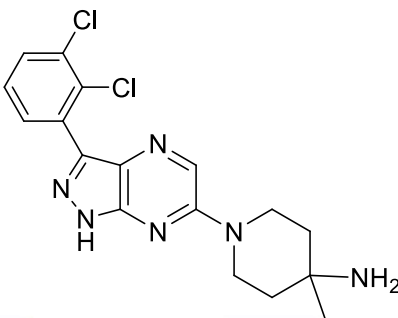


Northeast Business Center

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Certificate of Analysis



Product Name:	IACS-13909 (Hydrochloride)
Synonym	NA
CAS No:	2160546-07-4
Prod. No:	CT-IACS909
Lot No:	01
Batch Empirical Formula Batch Empirical Wt.	$C_{17}H_{18}Cl_2N_6 \cdot HCl \cdot 1.5H_2O$ 440.8
Solubility	Soluble in DMSO (44.1 mg/ml, 100 mM) at 50 °C 0.05 N HCl aqueous solution (22.0 mg/ml, 50 mM) at 50 °C
Storage	Store at 0 °C (short term), - 20 °C (long term), desiccated

Appearance	Orange to Yellow powder
Quality Control	1H NMR: [✓] HPLC: [✓] Quantitative Elemental Analysis: [✓] $C_{17}H_{18}Cl_2N_6 \cdot HCl \cdot 1.5H_2O$ Calculated: C: 46.33%; H: 5.03%; N: 19.07%, Cl: 24.87% Found: C: 45.91%; H: 4.81%; N: 18.63%, Cl: 25.87%
Chemical Purity	>99% (HPLC at 214 nm) >99% (HPLC at 254 nm)