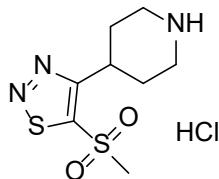




Certificate of Analysis



IUPAC	4-(1-Tosylpiperidin-4-yl)-1,2,3-thiadiazole hydrochloride
Molecular Weight	247.34
Molecular Formula	C ₈ H ₁₃ N ₃ O ₂ S ₂
Physical State	Solid
Storage	-20 °C
Expiration Date	One year from date of receipt
Lot Number	BB 0274442

Analysis	Specification	Result
Physical Examination	White Solid	PASS
TLC	Ninhydrin: positive Iodine: one major spot	PASS
Chemical Purity (HPLC)	>97%	PASS
Mass Spectroscopy	[M+H] ⁺ = 248.34 ± 1 amu	[M+H] ⁺ = 248.7
¹ H NMR	Consistent with structure	PASS

Approved by The Head of Quality Assurance
Department: