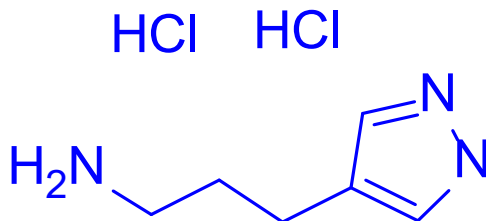




Certificate of Analysis



IUPAC	3-(1H-Pyrazol-4-yl)propan-1-amine dihydrochloride
Molecular Weight	198.10
Molecular Formula	C ₆ H ₁₃ Cl ₂ N ₃
Physical State	Solid
Storage	-20 °C
Expiration Date	One year from date of receipt
Lot Number	BB 0253942
CAS Number	60951-23-7

Analysis	Specification	Result
Physical Examination	White Solid	PASS
TLC	Ninhydrin: positive Iodine: one major spot	PASS
Chemical Purity (HPLC)	>95%	PASS
Mass Spectroscopy	[M+H] ⁺ = 126.170 ± 1 amu	[M+H] ⁺ = 126.2
¹ H NMR	Consistent with structure	PASS

Approved by The Head of Quality Assurance
Department: