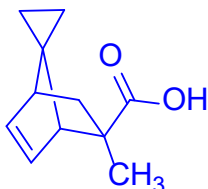




Certificate of Analysis



IUPAC 5-Methylspiro[bicyclo[2.2.1]heptane-7,1'-cyclopropan]-2-ene-5-carboxylic acid
Molecular Weight 178.23
Molecular Formula C₁₁H₁₄O₂
Physical State Solid
Storage -20 °C
Expiration Date One year from date of receipt
Lot Number BB 0280371

Analysis	Specification	Result
Physical Examination	White Solid	PASS
TLC	Ninhydrin: negative Iodine: one major spot	PASS
Chemical Purity (HPLC)	>95%	PASS
Mass Spectroscopy	[M+H] ⁺ = 179.23 ± 1 amu	[M+H] ⁺ = 179.2
¹ H NMR	Consistent with structure	PASS

Approved by The Head of Quality Assurance
Department: