

Certificate of Analysis

IUPAC 3-[1,3-Dimethyl-5-(2,2,2-trifluoroethoxy)pyrazol-4-yl]-5-methyl-isoxazole-4-carboxylic

acid

Molecular Weight 319,24

Molecular Formula C₁₂H₁₂F₃N₃O₄

Physical State Solid Storage -20 °C

Expiration Date One year from date of receipt

Lot Number BB 0275631

Analysis	Specification	Result
Physical Examination	White Solid	PASS
TLC	Ninhydrin: negative Iodine: one major spot	PASS
Chemical Purity (HPLC)	>97%	PASS
Mass Spectroscopy	$[M+H]^+ = 320.24 \pm 1$ amu	$[M+H]^+ = 320.7$
¹ H NMR	Consistent with structure	PASS
¹⁹ F NMR	Consistent with structure	PASS

Approved by The Head of Quality Assurance Department:

