

Product Profile

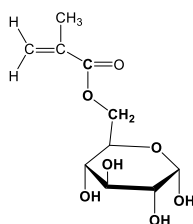
Identification

Product Name: Glucose-6-Methacrylate

Synonyms: D-galactopyranose-6-Methacrylate, ((2R,3S,4S,5R,6S)-3,4,5,6-tetrahydroxytetrahydro-2H-pyran-2-yl)methacrylate

Product Lot Number: P70219-GlucoseMA

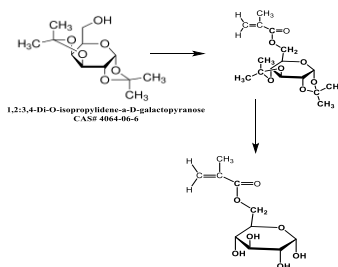
Product Chemical Architecture:



Composition:

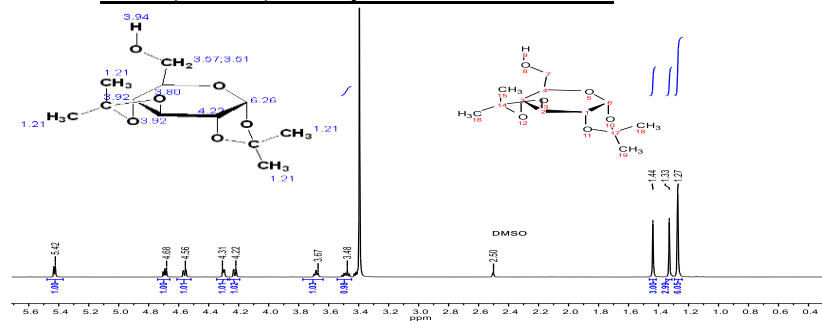
Purity by GC-FID	Purity by HNMR	Appearance @ ambient temperature	Empirical Formula	B.P or m.p	Mol. Weight
Over 98%	+98%	Honey like-semi solid	C ₁₀ H ₁₆ O ₇	NA	248.2

Route of Synthesis:



Validation of Architecture:

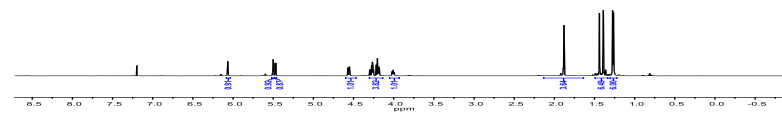
A. NMR (HNMR) of the product run in DMSO:



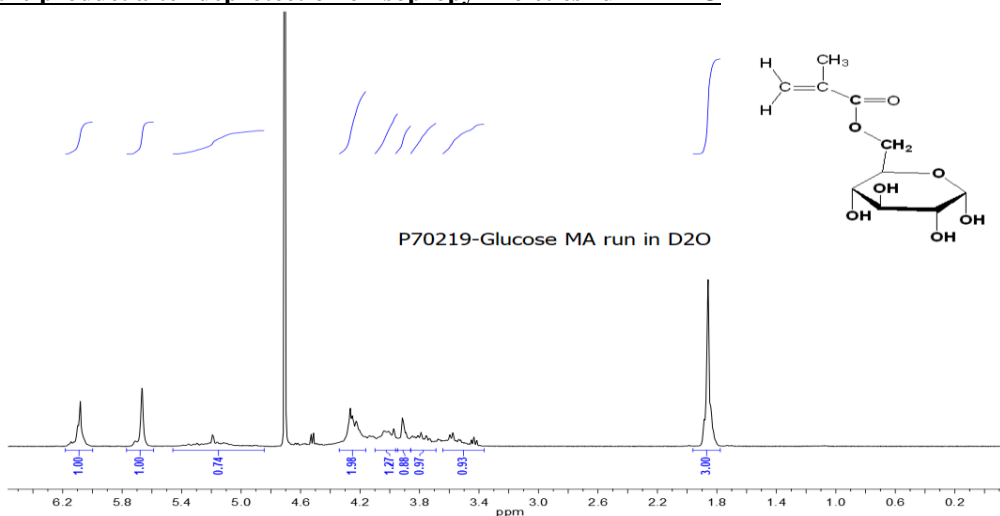
B. HNMR of the product run in DMSO



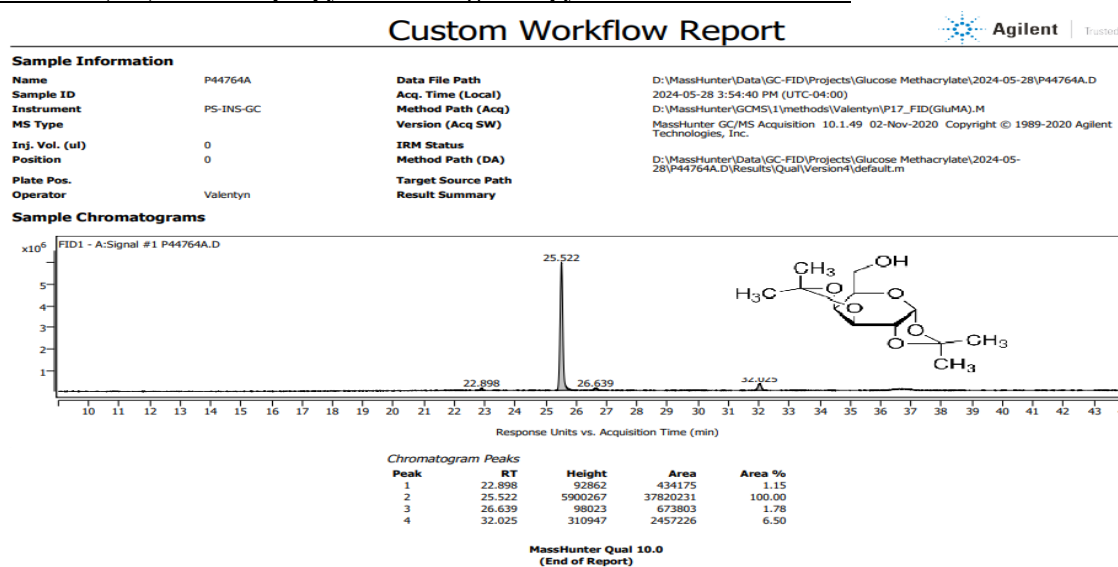
P70219-1,2:3,4-Di-O-isopropylidene-D-galactopyranoseGlucose



C. HNMR of the product after deprotection of isopropyl moieties run in D2O



D. GC-FID Profile of 1,2:3,4-Di-O-isopropylidene-a-D-galactopyranose CAS# 4064-06-6



E. GC-FID Profile of 1,2:3,4-Di-O-isopropylidene-a-D-galactopyranose-Methacrylate

