

VSA 2

Semisynthetic Saponin Adjuvant-VSA 2

890813P-1MG

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Molecular Weight 1963.18
Chemical Formula C₉₄H₁₄₇NO₄₂
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 7277PGA010
Avanti Lot Number 890813P-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (65:35:8 Chloroform: Methanol: Water)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
HPLC-ELSD	NLT 99% (AUC)	100% (AUC)
Mass Spectroscopy	[M+NH ₄ +H] ²⁺ = 991.09 ± 1 amu	[M+NH ₄ +H] ²⁺ = 990.56 amu

Approved By:



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