

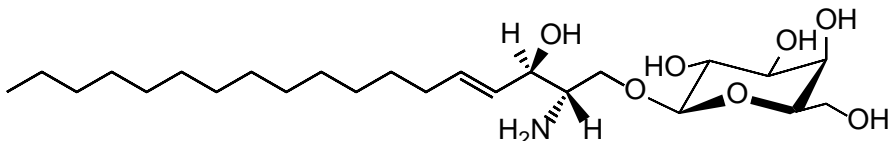
Psychosine Quantitative Mass Spec Standard

Galactosyl(β) Sphingosine (d18:1) in methanol solution at a target concentration of 1mM, 1mL per ampule, concentration confirmed by Quantitative Proton NMR

Product Number 330715W-1EA

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Physical form Methanol Solution (1ml per ampule)
Storage -20° C (Freezer)
Molecular Weight 461.63
Exact Mass 461.34
Chemical Formula C₂₄H₄₇NO₇
Manufacture date April 24, 2018
Expiration date One year from date of receipt
Lot number 330715W-1ML-010
MLOT Number 6545WAA010



Certificate of Analysis

Test	Limits	Result
Mass Spec	Consistent with Structure, [M+H] ⁺ = 462.3 ± 1 amu	Pass
Concentration by Quantitative Proton NMR	Run and Report	0.497 mg/ml 1.08 mM
Proton NMR	Consistent with Structure	Pass
TLC Analysis <small>(Mobile Phase 65:35:8 Chloroform:Methanol:Ammonium Hydroxide)</small>	R _f consistent with structure, NLT 99% Purity	Pass
Ninhydrin	Positive	Positive
Iodine	One Major Spot	One Spot
Phosphorus	Negative	Negative
Char	Positive	Positive
Wet Dip	One Major Spot	One Spot

Approved by: _____



Quality Control Representative

Date: May 25, 2018