

SPLASH[®] II LIPIDOMIX[®] Mass Spec Internal Standard
Product Number 330709W-1EA

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Physical form	Methanol Solution (1ml per vial)
Storage	-20° C (Freezer)
Manufacture date	November 23, 2022
Expiration date	One year from date of receipt
Lot number	330709W-1ML-011
MLOT Number	6453WAA011

Compound Name	Molecular Weight	Exact Mass	Chemical Formula	Conc. (µg/mL)*	Conc. µM*
15:0-18:1(d7) PC	753.11	752.61	C ₄₁ H ₇₃ D ₇ NO ₈ P	158.2	210
15:0-18:1(d7) PE	711.03	710.56	C ₃₈ H ₆₇ D ₇ NO ₈ P	5.0	7
15:0-18:1(d7) PS (Na Salt)	777.02	776.53	C ₃₉ H ₆₆ D ₇ NNaO ₁₀ P	7.8	10
15:0-18:1(d7) PI (NH ₄ Salt)	847.13	846.60	C ₄₂ H ₇₅ D ₇ NO ₁₃ P	8.5	10
18:1(d7) Lyso PC	528.72	528.39	C ₂₆ H ₄₅ D ₇ NO ₇ P	23.8	45
18:1(d7) Lyso PE	486.64	486.35	C ₂₃ H ₃₉ D ₇ NO ₇ P	0.5	1
18:1(d7) Chol Ester	658.16	657.64	C ₄₅ H ₇₁ D ₇ O ₂	348.8	530
C18(Plasm)-18:1(d9) PC	781.19	780.67	C ₄₄ H ₇₇ D ₉ NO ₇ P	7.8	10
15:0-18:1(d7) DAG	587.98	587.55	C ₃₆ H ₆₁ D ₇ O ₅	11.8	20
15:0-18:1(d7)-15:0 TAG	812.37	811.77	C ₅₁ H ₈₉ D ₇ O ₆	56.9	70
d18:1-18:1(d9) SM	738.12	737.64	C ₄₁ H ₇₂ D ₉ N ₂ O ₆ P	29.5	40
C18(Plasm)-18:1(d9) PE	739.11	738.62	C ₄₁ H ₇₁ D ₉ NO ₇ P	0.07	0.1

*Concentrations are based on the isotopic purity of each individual compound

Approved by:



Lipidomics Representative

Date:

January 23, 2023

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