

d5-DG Internal Standard Mix I

LIPIDMAPS™ Compound ID: RF0000000781



Contains 4 µM each of 9 compounds:

1,3-di-(5Z,8Z,11Z,14Z,17Z-eicosapentaenoyl)-2-hydroxy-sn-glycerol-d5
 1,3-ditetradecanoyl-2-hydroxy-sn-glycerol-d5
 1,3-dipentadecanoyl-2-hydroxy-sn-glycerol-d5
 1,3-dihexadecanoyl-2-hydroxy-sn-glycerol-d5
 1,3-diheptadecanoyl-2-hydroxy-sn-glycerol-d5
 1,3-dinonadecanoyl-2-hydroxy-sn-glycerol-d5
 1,3-dieicosanoyl-2-hydroxy-sn-glycerol-d5
 1,3-di-(11Z,14Z-eicosadienoyl)-2-hydroxy-sn-glycerol-d5
 1,3-di-(5Z,8Z,11Z,14Z-eicosatetraenoyl)-2-hydroxy-sn-glycerol-d5

Storage: -20° C (Freezer)
 Manufacture Date: November 10, 2017
 Expiration Date: One year from date of receipt
 Physical Form: 1:1 Toluene:Methanol Solution (1ml per vial)
 Lot Number: LM6001-LM17-051A
 MLOT: 6445TAA051

Certificate of Analysis

Component Name	LipidMAPS ID	Exact Mass	Concentration by LC/MS
1,3-14:0 DG-d5	LMGL02010309	517.84	4.01 µM (2.07 µg/mL)
1,3-15:0 DG-d5	LMGL02010310	545.51	4.00 µM (2.18 µg/mL)
1,3-16:0 DG-d5	LMGL02010311	573.54	4.09 µM (2.34 µg/mL)
1,3-17:0 DG-d5	LMGL02010312	601.57	4.06 µM (2.45 µg/mL)
1,3-19:0 DG-d5	LMGL02010313	657.63	4.06 µM (2.67 µg/mL)
1,3-20:0 DG-d5	LMGL02010314	685.66	4.06 µM (2.78 µg/mL)
1,3-20:2 DG-d5	LMGL02010315	677.60	4.19 µM (2.84 µg/mL)
1,3-20:4 DG-d5	LMGL02010316	669.54	4.48 µM (3.00 µg/mL)
1,3-20:5 DG-d5	LMGL02010308	665.51	4.47 µM (2.97 µg/mL)

Approved by: