

## d5-TG Internal Standard Mix I

LIPIDMAPS™ Compound ID: RF0000000780



Contains 4 µM each of 9 compounds:

- 1,3-ditetradecanoyl-2-(9Z-hexadecenoyl)-sn-glycerol-d5
- 1,3-dipentadecanoyl-2-(9Z-octadecenoyl)-sn-glycerol-d5
- 1,3-dihexadecanoyl-2-octadecanoyl-sn-glycerol-d5
- 1,3-diheptadecanoyl-2-(10Z-heptadecenoyl)-sn-glycerol-d5
- 1,3-dinonadecanoyl-2-dodecanoyl-sn-glycerol-d5
- 1,3-dieicosanoyl-2-(11Z-eicosenoyl)-sn-glycerol-d5
- 1,3-di-(11Z,14Z-eicosadienoyl)-2-(6Z,9Z,12Z-octadecatrienoyl)-sn-glycerol-d5
- 1,3-di-(5Z,8Z,11Z,14Z-eicosatetraenoyl)-2-(9Z,12Z-octadecadienoyl)-sn-glycerol-d5
- 1,3-di-(5Z,8Z,11Z,14Z,17Z-eicosapentaenoyl)-2-(4Z,7Z,10Z,13Z,16Z,19Z-docosahexaenoyl)-sn-glycerol-d5

Storage: -20° C (Freezer)  
 Manufacture Date: October 24, 2017  
 Expiration Date: One year from date of receipt  
 Physical Form: 1:1 Toluene:Methanol Solution (1ml per vial)  
 Lot Number: LM6000-LM17-043A  
 MLOT: 6444TAA043

## Certificate of Analysis

Component Name	LipidMAPS ID	Exact Mass	Concentration by LC/MS
14:0-16:1-14:0 TG-d5	LMGL03010009	753.69	3.99 µM (3.01 µg/mL)
15:0-18:1-15:0 TG-d5	LMGL03010010	809.75	3.97 µM (3.21 µg/mL)
16:0-18:0-16:0 TG-d5	LMGL03010011	839.80	4.05 µM (3.40 µg/mL)
17:0-17:1-17:0 TG-d5	LMGL03010012	851.80	4.14 µM (3.53 µg/mL)
19:0-12:0-19:0 TG-d5	LMGL03010013	839.80	4.01 µM (3.37 µg/mL)
20:0-20:1-20:0 TG-d5	LMGL03010014	977.94	3.81 µM (3.72 µg/mL)
20:2-18:3-20:2 TG-d5	LMGL03010015	937.81	3.96 µM (3.71 µg/mL)
20:4-18:2-20:4 TG-d5	LMGL03010016	931.77	3.90 µM (3.63 µg/mL)
20:5-22:6-20:5 TG-d5	LMGL03010008	975.74	4.03 µM (3.93 µg/mL)

Approved by: