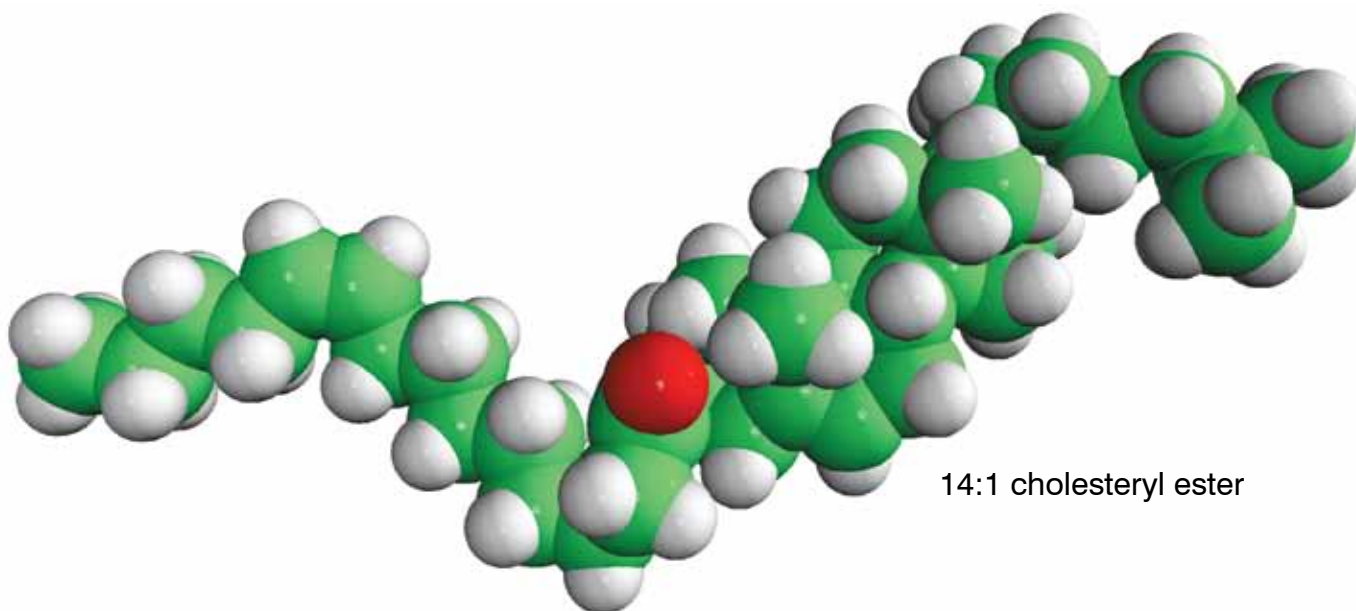


LIPID MAPS Mass Spectrometry Internal Standards for Cholesteryl Esters

MS Internal Standards were formulated using unique molecules designed by Avanti Polar Lipids and the LIPID MAPS Consortium.

Avanti is proud to supply these
Qualitative MS Internal Standards
to LIPID MAPS, and they are now available to the research community.



Standard	Avanti Number	Standard	Avanti Number
14:0 cholesteryl ester	110859	20:0 cholesteryl ester	110870
14:1 cholesteryl ester	110860	20:1 cholesteryl ester	110871
15:0 cholesteryl ester	110861	20:2 cholesteryl ester	110872
16:0 cholesteryl ester	110862	20:3 cholesteryl ester	110873
16:1 cholesteryl ester	110863	20:4 cholesteryl ester	110874
17:0 cholesteryl ester	110864	22:0 cholesteryl ester	110875
17:1 cholesteryl ester	110865	22:1 cholesteryl ester	110876
18:0 cholesteryl ester	110866	22:4 cholesteryl ester	110877
18:1 cholesteryl ester	110867	22:5 cholesteryl ester	110878
18:2 cholesteryl ester	110868	22:6 cholesteryl ester	110879
18:3 cholesteryl ester	110869		

These standards sold in vials containing 0.1-5 mg quantities. .

LIPID MAPS Mass Spectrometry Internal Standards for Glycerolipids

QUALITATIVE STANDARDS

Standard	Number
16:0 MG	110606
17:0 MG	110607
18:1 MG	110608
18:2 MG	110609
12:0 DG	110611
18:0 DG	110882
18:0-16:0 DG	110883
18:0-20:4 DG	110612
20:0-18:0 DG	110880
1-C15-3-18:1 DG	110593
1-C15-3-20:4 DG	110594
1-C18(plasm)-3-17:0 DG	110603
1-C18(plasm)-3-17:1 DG	110597
1-C18(plasm)-3-20:4 DG	110596
1,3-14:0 D5 DG	110535

Standard	Number
1,3-15:0 D5 DG	110536
1,3-16:0 D5 DG	110537
1,3-16:1 D5 DG	110579
1,3-17:0 D5 DG	110538
1,3-18:0 D5 DG	110580
1,3-18:1 D5 DG	110581
1,3-18:2 D5 DG	110582
1,3-19:0 D5 DG	110539
1,3-20:0 D5 DG	110540
1,3-20:4 D5 DG	110610
14:0-16:1-14:0 TG	110558
16:0-16:0-18:0 TG	110520
16:0-16:0-18:1 TG	110521
18:1-14:0-17:1 TG	110528
18:1-18:1-18:1 TG	110613

Standard	Number
1-C15-2,3-18:1 TG	110595
1-C15-18:1-20:4 TG	110598
1-C15-20:4-18:1 TG	110599
1-C18(plasm)-16:0-17:1 TG	110602
1-C18(plasm)-16:0-20:4 TG	110601
1-C18(plasm)-20:4-17:1 TG	110600
14:0-16:1-14:0 D5 TG	110541
15:0-18:1-15:0 D5 TG	110542
16:0-18:0-16:0 D5 TG	110543
17:0-17:1-17:0 D5 TG	110544
19:0-12:0-19:0 D5 TG	110545
20:0-20:1-20:0 D5 TG	110546
20:2-18:3-20:2 D5 TG	110547
20:4-18:2-20:4 D5 TG	110548
20:5-22:6-20:5 D5 TG	110549

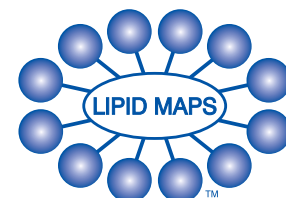
Name	Avanti Number
18:1 (c6,c9,c6) TG	LM-3217
18:1 (c9,c6,c9) TG	LM-3216
Deuterated TG Mixture I*	LM-6000
Deuterated DG Mixture I†	LM-6001
Deuterated DG Mixture II‡	LM-6004

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†Deuterated DG Mixture I contains
1,3-20:5 D5 DG
1,3-14:0 D5 DG
1,3-15:0 D5 DG
1,3-16:0 D5 DG
1,3-17:0 D5 DG
1,3-19:0 D5 DG
1,3-20:0 D5 DG
1,3-20:2 D5 DG
1,3-20:4 D5 DG

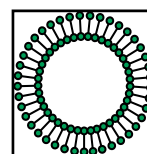
*Deuterated TG Mixture I contains
20:5-22:6-20:5 D5 TG
14:0-16:1-14:0 D5 TG
15:0-18:1-15:0 D5 TG
16:0-18:0-16:0 D5 TG
17:0-17:1-17:0 D5 TG
19:0-12:0-19:0 D5 TG
20:0-20:1-20:0 D5 TG
20:2-18:3-20:2 D5 TG

‡Deuterated DG Mixture II contains
1,3-16:1 D5 DG
1,3-18:0 D5 DG
1,3-18:1 D5 DG
1,3-18:2 D5 DG



www.lipidmaps.org

For information about procedures and guidance in the application of these Lipid Standards visit:
www.lipidmaps.org/downloads/2007_methods_chapters.pdf
Visit avantilipids.com for more details and ordering information.



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