

## Internal Standard spiked in soil samples

### EquiSPLASH™ LIPIDOMIX® Quantitative Mass Spec Internal Standard / Avanti Product 330731-1EA

Mixture Component	Chemical Formula	Target Conc. µg/mL	Target Conc. µM	Exact Mass	M-H	M+H	M+NH <sub>4</sub>	M+AcO
15:0-18:1(d7) PC	C <sub>41</sub> H <sub>73</sub> D <sub>7</sub> NO <sub>8</sub> P	100	133	752.6061	×	753.6134	×	811.6199
18:1(d7) Lyso PC	C <sub>26</sub> H <sub>45</sub> D <sub>7</sub> NO <sub>7</sub> P	100	189	528.3921	×	529.3994	×	587.4059
15:0-18:1(d7) PE	C <sub>38</sub> H <sub>67</sub> D <sub>7</sub> NO <sub>8</sub> P	100	141	710.5591	709.5519	711.5664	×	×
18:1(d7) Lyso PE	C <sub>23</sub> H <sub>39</sub> D <sub>7</sub> NO <sub>7</sub> P	100	205	486.3451	485.3379	487.3524	×	×
15:0-18:1(d7) PG	C <sub>39</sub> H <sub>68</sub> D <sub>7</sub> O <sub>10</sub> P	100	131	741.5537	740.5464	×	759.5875	×
15:0-18:1(d7) PI	C <sub>42</sub> H <sub>72</sub> D <sub>7</sub> O <sub>13</sub> P	100	118	829.5698	829.5625	×	847.6036	×
15:0-18:1(d7) PS	C <sub>39</sub> H <sub>67</sub> D <sub>7</sub> NO <sub>10</sub> P	100	129	754.5490	753.5417	755.5562	×	×
15:0-18:1(d7)-15:0 TAG	C <sub>51</sub> H <sub>89</sub> D <sub>7</sub> O <sub>6</sub>	100	123	811.7646	×	×	829.7985	×
15:0-18:1(d7) DAG	C <sub>36</sub> H <sub>61</sub> D <sub>7</sub> O <sub>5</sub>	100	170	587.5506	×	×	605.5844	×
18:1(d7) MAG	C <sub>21</sub> H <sub>33</sub> D <sub>7</sub> O <sub>4</sub>	100	275	363.3366	×	364.3429	381.3704	422.3504
18:1(d7) Chol Ester	C <sub>45</sub> H <sub>71</sub> D <sub>7</sub> O <sub>2</sub>	100	152	657.6441	×	×	675.6779	×
d18:1-18:1(d9) SM	C <sub>41</sub> H <sub>72</sub> D <sub>9</sub> N <sub>2</sub> O <sub>6</sub> P	100	135	737.6397	×	738.6470	×	796.6536
C15 Ceramide-d7	C <sub>33</sub> H <sub>58</sub> D <sub>7</sub> NO <sub>3</sub>	100	188	530.5404	529.5331	531.5477		589.5542

