

Supplements

Lipidomic study of precursors of endocannabinoids in fresh water bryozoan *Pectinatella magnifica*

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Table 1S. Product ions for molecular species of 16:0/22:5-*N*-20:4-NAPtdEtn.

<i>m/z</i>	%	Ion Description
1050.7532	33	Precursor ion [M-H] ⁻
812.5236	29	Loss of <i>sn</i> -1 acyl chain as ketene (RCH=C=O) from [M-H] ⁻
794.5131	11	Neutral loss of <i>sn</i> -1 RCOOH group from [M-H] ⁻
738.5079	80	Loss of <i>sn</i> -2 acyl chain as ketene (RCH=C=O) from [M-H] ⁻
720.4973	17	Neutral loss of <i>sn</i> -2 RCOOH group from [M-H] ⁻
482.2677	13	<i>N</i> -acyl ethanolamide cyclic phosphate anion
426.2415	23	<i>N</i> -acyl ethanolamide phosphate anion
329.2486	100	<i>sn</i> -2 RCOO ⁻ ion
285.2588	44	Loss of CO ₂ from <i>sn</i> -2 RCOO ⁻ ion
255.2331	51	<i>sn</i> -1 RCOO ⁻ ion

Table 2S. Product ions for molecular species of Pls-17:0/24:7-*N*-20:5-NAPtdEtn.

<i>m/z</i>	%	Ion Description
1070.7583	44	Precursor ion [M-H] ⁻
734.5132	79	Loss of <i>sn</i> 2 acyl chain as ketene (RCH=C=O) from [M-H] ⁻
716.5025	24	Neutral loss of <i>sn</i> 2 RCOOH group from [M-H] ⁻
480.2521	13	<i>N</i> -acyl ethanolamide cyclic phosphate anion
424.2258	19	<i>N</i> -acyl ethanolamide phosphate anion
389.2462	28	Neutral loss of the <i>sn</i> -2 acyl and <i>N</i> -heptadecanoyl ethanolamine moiety
353.2486	100	<i>sn</i> -2 RCOO ⁻ ion
309.2587	51	Loss of CO ₂ from <i>sn</i> -2 RCOO ⁻ ion

Table 3S. Product ions for molecular species of 16:0/22:5-*N*-20:4-NAPtdSer.

<i>m/z</i>	%	Ion Description
1094.7429	27	Precursor ion [M-H] ⁻
721.4814	66	Phosphatidic acid anion
483.2517	9	Loss of <i>sn</i> -1 acyl chain as ketene (RCH=C=O) from phosphatidic acid anion
465.2412	6	Neutral loss of <i>sn</i> -1 RCOOH group from phosphatidic acid anion
409.2361	54	Loss of <i>sn</i> -2 acyl chain as ketene (RCH=C=O) from phosphatidic acid anion
391.2255	21	Neutral loss of <i>sn</i> -2 RCOOH group from phosphatidic acid anion
329.2486	100	<i>sn</i> -2 RCOO ⁻ ion
285.2588	44	Loss of CO ₂ from <i>sn</i> -2 RCOO ⁻ ion
255.2332	38	<i>sn</i> -1 RCOO ⁻ ion

Table 4S. Product ions for molecular species of Pls-17:0/24:7-*N*-20:5-NAPtdSer.

<i>m/z</i>	%	Ion Description
1114.7481	35	Precursor ion [M-H] ⁻
407.2568	42	Loss of <i>sn</i> -2 acyl chain as ketene (RCH=C=O) from phosphatidic acid anion
389.2462	21	Neutral loss of <i>sn</i> -2 RCOOH group from phosphatidic acid anion
353.2486	100	<i>sn</i> -2 RCOO ⁻ ion
309.2588	37	Loss of CO ₂ from <i>sn</i> -2 RCOO ⁻ ion