

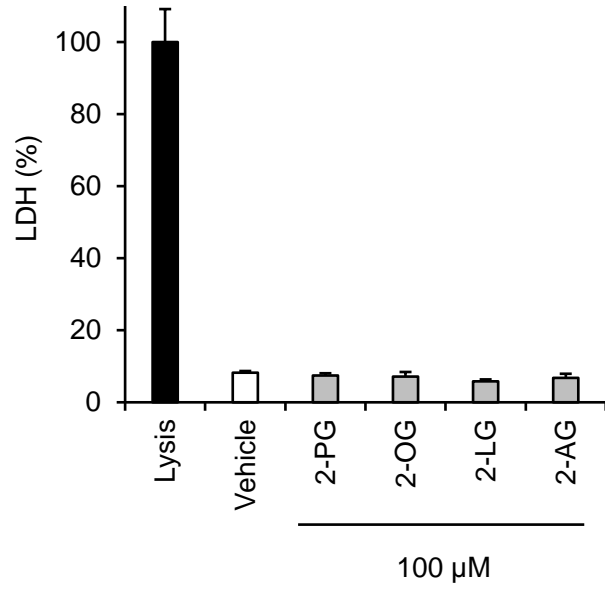


Title	2-Arachidonoyl glycerol potently induces cholecystokinin secretion in murine enteroendocrine STC-1 cells via cannabinoid receptor CB1
Author(s)	Ochiai, Keita; Hirooka, Rina; Sakaino, Masayoshi; Takeuchi, Shigeo; Hira, Tohru
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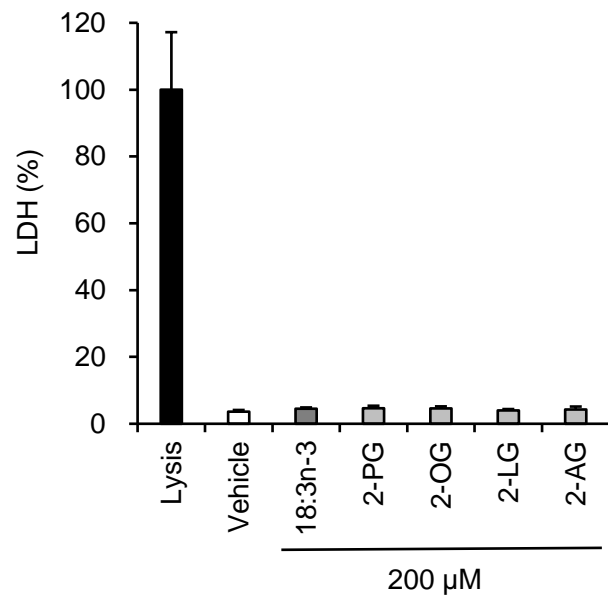


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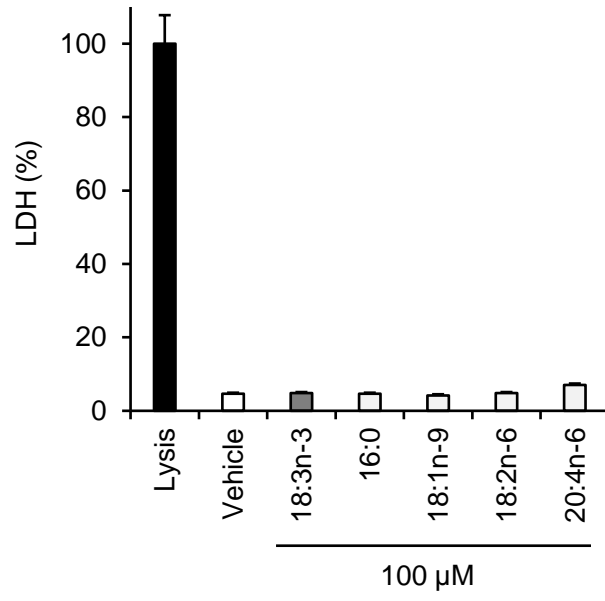
(a)



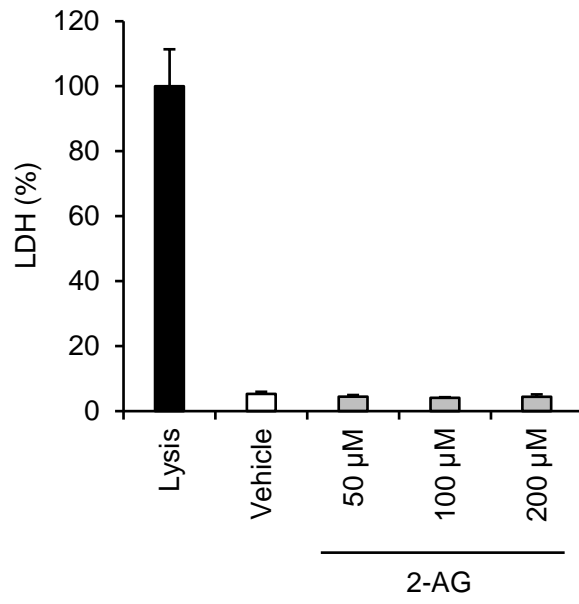
(b)



(c)



(d)



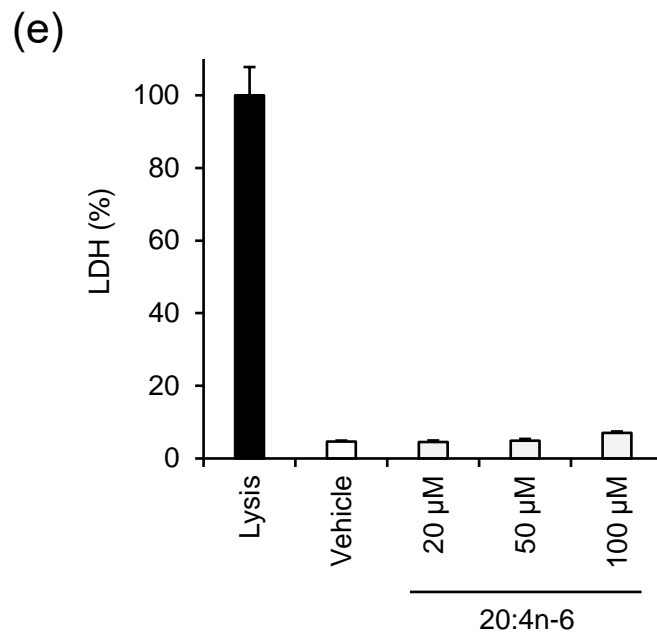


Fig. S1 Release of LDH in STC-1 cells exposed to various 2-MAG and FA. LDH activity was measured in the supernatant of STC-1 cells exposed to (a) 100 μ M, (b) 200 μ M 2-MAG, and 200 μ M 18:3n-3, (c) various FA, various concentrations of (d) 2-AG, or (e) 20:4n-6. The lysis reagent was used to release total intracellular LDH. The values represent LDH activity (%) relative to the total LDH control and are expressed as the mean \pm SEM (n=3). 2-PG, 2-palmitoyl glycerol; 2-OG, 2-oleoyl glycerol; 2-LG, 2-linoleoyl glycerol; 2-AG, 2-arachidonoyl glycerol; 18:3n-3, α -linolenic acid; 16:0, palmitic acid; 18:1n-9, oleic acid; 18:2n-6, linoleic acid; 20:4n-6: arachidonic acid

Title

2-arachidonoyl glycerol potently induces cholecystokinin secretion in murine enteroendocrine STC-1 cells via cannabinoid receptor CB1

Journal

Lipids

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