Table 1. List of compounds that did not activate GPR41 on melanophores

formic acid*	CH_2O_2	HCOOH
heptanoic acid*	$C_7H_{14}O_2$	$CH_3(CH_2)_5COOH$
valproic acid*	$C_8H_{16}O_2$	$CH_3CH_2CH_2CH(CH_2CH_2CH_3)COOH$
capric acid†	$C_{10}H_{20}O_2$	$CH_3(CH_2)_8COOH$
palmitoleic acid†	$C_{16}H_{30}O_2$	$CH_3(CH_2)_5CHCH(CH_2)_7COOH$
oleic acid†	$C_{18}H_{34}O_2$	$CH_3(CH_2)_7CHCH(CH_2)_7COOH$
linoleic acid†	$C_{18}H_{32}O_2$	$CH_3(CH_2)_3(CH_2CHCH)_2(CH_2)_7COOH$
linolenic acid†	$C_{18}H_{30}O_2$	$CH_3(CH_2CHCH)_3(CH_2)_7COOH$
arachidonic acid†	$C_{20}H_{32}O_2$	$CH_3(CH_2)_3(CH_2CHCH)_4(CH_2)_3COOH$
cis-4,7,10,13,16,19 -docosahexaenoic acid†	$C_{22}H_{32}O_2$	$CH_3(CH_2CHCH)_6(CH_2)_2COOH$
hydrochloric acid*	HCl	HCl
1-propanol*	C_3H_8O	$CH_3(CH_2)_2OH$
isopropanol*	C_3H_8O	$(CH_3)_2CHOH$
pyruvic acid*	$C_3H_4O_3$	$CH_3COCOOH$
malonic acid*	$C_3H_4O_2$	$CH_2(COOH)_2$
lactic acid*	$C_3H_6O_3$	$CH_3CHOHCOOH$
malonyl CoA*	$C_3H_3O_3SCoA$	$HOOCCH_2COSCoA$
acetoacetic acid*	$C_4H_6O_3$	CH_3COCH_2COOH
fumaric acid*	$C_4H_4O_4$	HOOCCHCHCOOH
α-hydroxybutyric acid*	$C_4H_8O_3$	$CH_3CH_2CH(OH)COOH$
β-hydroxybutyric acid*	$C_4H_8O_3$	$CH_3CH(OH)CH_2COOH$
1-butanol*	$C_4H_{10}O$	$CH_3(CH_2)_2CH_2OH$
succinic acid*	$C_4H_6O_4$	$HOOCCH_2CH_2COOH$
succinyl CoA*	$C_4H_5O_3SCoA$	$HOOCCH_2CH_2COSCoA$
γ-amino-n-butyric acid*	$C_4H_9O_2N$	$NH_2(CH_2)_3COOH$
α-ketogultaric acid‡	$C_5H_6O_5$	$HOOCCH_2CH_2COCOOH$
glutamine*	$C_5H_{10}N_2O_3$	$H_2NCO(CH_3)_2CH2(NH2)COOH$
citric acid*	$C_6H_8O_7$	$HOC(COOH)(CH_2COOH)_2$
isocitiric acid*	$C_6H_8O_7$	$HOC(CH_2COOH)(HOCHCOOH)COOH$
leucine*	$C_6H_{13}NO_2$	$(CH_3)_2CHCH_2CH(NH_2)COOH$

*Compounds were tested at concentrations up to 10 mM.
†Compounds were tested at concentrations up to 100 μM.
‡Compounds were tested at concentrations up to 1 mM.