

S3 Table. Experimentally determined apparent 1-octanol/water partition coefficient (P_{ow}) of bile acids.

Bile acids	P_{ow}	$\log P_{ow}$	$\log D_{oct}$
CA	2.4 ± 0.3	0.38	-2.0
GCA	0.09 ± 0.01	-1.02	-4.4
TCA	0.40 ± 0.04	-0.40	-6.8
CDCA	264 ± 27	2.42	0.018
GCDCA	3.6 ± 0.2	0.56	-2.8
TCDC	1.8 ± 0.1	0.25	-6.2
DCA	351 ± 16	2.55	0.15
GDCA	6.1 ± 0.3	0.78	-2.6
TDCA	3.8 ± 0.2	0.58	-5.8
UDCA	73 ± 3	1.87	-0.53
GUDCA	0.59 ± 0.03	-0.23	-3.6
TUDCA	0.62 ± 0.07	-0.21	-6.6
LCA	28335 ± 6546	4.44	2.0
GLCA	554 ± 17	2.74	-0.66
TLCA	469 ± 17	2.67	-3.7

Each data represents the mean \pm S.D. (n = 6).