Additions and Corrections

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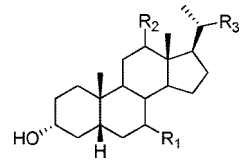
Hiroyuki Sato, Antonio Macchiarulo, Charles Thomas, Antimo Gioiello, Mizuho Une, Alan F. Hofmann, Régis Saladin, Kristina Schoonjans, Roberto Pellicciari,* and Johan Auwerx*: Novel Potent and Selective Bile Acid Derivatives as TGR5 Agonists: Biological Screening, Structure−Activity Relationships, and Molecular Modeling Studies.

Page 1834. In Table 3, the R_1 and R_2 groups for UDCA derivatives are incorrect. The correct structures for these compounds are reported below in the revised Table 3.

Table 3. TGR5 Agonist Potency of Side Chain Modified Bile Acids Derivatives[a]



Trivial Name	R_1	R_2	R_3	EC_{50}	Efficacy
LCA (**6**)	-H	-H	CO_2H	0.58	101
LCA Me Ester (**25**)	-H	-H	CO_2CH_3	0.59	102
Nor-LCA (**26**)	-H	-H	CO_2H	0.77	102
CDCA (**4**)	α-OH	-H	CO_2H	6.71	105
CDCA Me Ester (**27**)	α-OH	-H	CO_2CH_3	1.39	114
Nor-CDCA (**28**)	α-OH	-H	CO_2H	10.4	102
Dinor-CDCA (**29**)	α-OH	-H	CO_2H	>100	50 (316 μM)
CDC-OH (**30**)	α-OH	-H	OH	0.12	103
CDC-Sul (**31**)	α-OH	-H	SO_3H	0.44	103
22*S*,23*S*-CCDCA (**32**)	α-OH	-H	CO_2H	1.33	110
22*S*,23*R*-CCDCA (**33**)	α-OH	-H	CO_2H	2.91	102
22*R*,23*R*-CCDCA (**34**)	α-OH	-H	CO_2H	75.7	5
22*R*,23*S*-CCDCA (**35**)	α-OH	-H	CO_2H	>100	4
CA (**5**)	α-OH	α-OH	CO_2H	13.6	101
C-OH (**36**)	α-OH	α-OH	OH	0.87	103
C-Sul (**37**)	α-OH	α-OH	SO_3H	0.10	103
UDCA (**9**)	β-OH	-H	CO_2H	36.4	75
Nor-UDCA (**38**)	β-OH	-H	CO_2H	47.2	79
Dinor-UDCA (**39**)	β-OH	-H	CO_2H	>316	0 (316 μM)
UDC-OH (**40**)	β-OH	-H	OH	2.18	79
UDC-Sul (**41**)	β-OH	-H	SO_3H	5.02	109

[a] Data represent average values of at least three independent experiments of CRE-driven luciferase reporter assays in TGR5-transfected CHO cells. Units are μM for EC_{50} and % of 10 μM LCA value for efficacy.

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