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Author(s): Rebecca W. Van Dyke, M.D., 2012

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Metamorphosis to a bile acid

Add another
hydroxyl group
Ho-

Metamorphosis to a bile acid

Shorten the side chain

Metamorphosis to a bile acid

One more change conjugation of an amino acid to the side chain yields
Taurocholate (taurine conjugated cholic acid)

or
Ho

Cholesterol: Flat (planar) hydrophobic compound

Metamorphosis to a bile acid

Ho

Add a carboxylic acid group and bend this below the plane of the rings