ABSTRACT

PHARMACEUTICAL COMPOSITIONS CONTAINING NSAID AND BILE ACIDS

Non-steroidal anti-inflammatory drugs, such as indomethacin, and other pharmaceutically active compounds, are formulated with bile acids or their salts and conjugates. Bile acids previously proposed for use in such formulations have placed an unacceptable toxic load on the liver and/or cells of the gastrointestinal tract, causing abnormal liver function or cell erosion. In this invention, the bile acid is a low detergent bile acid, such as ursodeoxycholate. Stabilization of the bile acid pool results in enhanced and predictable enterohepatic recycling of NSAIDs (and other drugs) and a reduced risk of toxicity.