

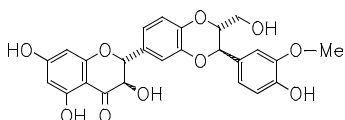
Other natural products

U 0800

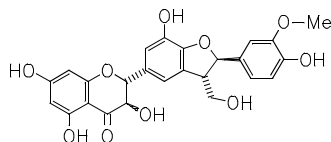
38- 195

Complete Isolation and Characterization of Silybins and Isosilybins from Milk

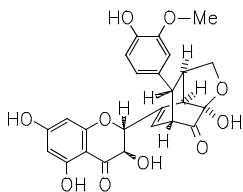
Thistle (*Silybum marianum*). — Four diastereoisomeric flavonolignans silybins A [cf. (I)] and B, and isosilybins A and B are identified isolated from the seeds of milk thistle by preparative reversed-phase HPLC method. Furthermore, three other flavonolignans, silychristin, isosilychristin (II) and silydianin (III), and the flavonoid taxifolin (IV) are isolated. — (KIM*, N.-C.; GRAF, T. N.; SPARACINO, C. M.; WANI*, M. C.; WALL, M. E.; *Org. Biomol. Chem.* 1 (2003) 10, 1684-1689; *Chem. Life Sci., Res. Triangle Inst., Research Triangle Park, NC 27709, USA; Eng.*) — S. Adam



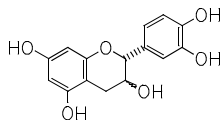
(+)–I*



(+)–II*



(+)–III*



(+)–IV*