Meloxicam

4-Hydroxy-2-methyl-N-(5-methyl-2-thiazolyl)-2H-1,2-benzothiazine-3-carboxamide-1,1-dioxide

- Mobic® - Boehringer Ingelheim
  - Tablets, suppositories, IM Injection

Meloxicam exhibits polymorphism, with two different crystalline forms known (US Patent 2003/0109701):
  - Zwitterionic form
  - Enolic form (suitable for pharmaceutical products)

Enolic form of meloxicam
Zwitterionic form of meloxicam
Compound 3 is prepared according to the first patent. The starting material, a derivative of saccharin, was originally prepared in *Chem. Ber.*, 1897, 30, 1267.

1 to 2 is an example of a Gabriel-Colman rearrangement.