

Product Data Sheet

Product Name: Etodolac Acyl Glucuronide

Cat. No.: GC49156

Chemical Properties

Cas. No. 79541-43-8

SMILES O=C(O[C@@H]([C@@H]([C@H]1O)O)O[C@@H]([C@H]1O)C(O)=O)CC(C2=C3C4=CC=CC(CC)=C4N2)(OCC3)CC

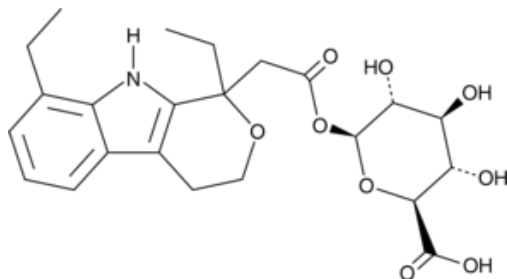
Formula C₂₃H₂₉NO₉ M.Wt 463.5

Solubility Methanol: soluble Storage -20°C

General For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the tips ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT , or Condition blue ice upon request.

Structure



Background

Etodolac acyl glucuronide is a phase II metabolite of the non-steroidal anti-inflammatory drug (NSAID) and COX inhibitor etodolac .¹ It is formed *via* glucuronidation of etodolac by the UDP-glucuronosyltransferase (UGT) isoforms UGT1A9, UGT1A10, and UGT2B7.

1.Kutsuno, Y., Itoh, T., Tukey, R.H., et al. Glucuronidation of drugs and drug-induced toxicity in humanized UDP-glucuronosyltransferase 1 mice *Drug Metab. Dispos.* 42(7)1146-1152(2014)

Caution: Product has not been fully validated for medical applications. For research use only.

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