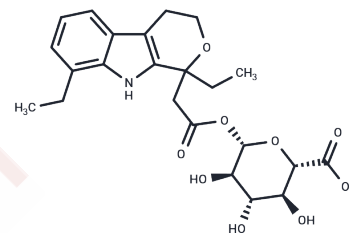


## Etodolac Acyl Glucuronide

### Chemical Properties

CAS No. :	79541-43-8
Formula:	C <sub>23</sub> H <sub>29</sub> N <sub>1</sub> O <sub>9</sub>
Molecular Weight:	463.483
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



### Biological Description

Description	Etodolac acyl glucuronide is a phase II metabolite of the non-steroidal anti-inflammatory drug (NSAID) and COX inhibitor etodolac. It is formed via glucuronidation of etodolac by the UDP-glucuronosyltransferase (UGT) isoforms UGT1A9, UGT1A10, and UGT2B7.
Targets(IC50)	Others, Drug Metabolite

### Solubility Information

Solubility	Methanol: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1576 mL	10.788 mL	21.5759 mL
5 mM	0.4315 mL	2.1576 mL	4.3152 mL
10 mM	0.2158 mL	1.0788 mL	2.1576 mL
50 mM	0.0432 mL	0.2158 mL	0.4315 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

### Reference

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)

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