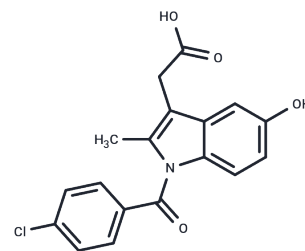


5-hydroxy Indomethacin

Chemical Properties

CAS No. :	2504-32-7
Formula:	C ₁₈ H ₁₄ ClNO ₄
Molecular Weight:	343.76
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	5-hydroxy Indomethacin is a metabolite of indomethacin .It is formed from indomethacin in rabbit hepatic microsomes.
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Solubility Information

Solubility	DMF: 30 mg/mL DMSO: 15 mg/mL Ethanol: 3 mg/mL PBS (pH 7.2): Insoluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.909 mL	14.545 mL	29.0901 mL
5 mM	0.5818 mL	2.909 mL	5.818 mL
10 mM	0.2909 mL	1.4545 mL	2.909 mL
50 mM	0.0582 mL	0.2909 mL	0.5818 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.

Reference

Evans, M.A., Papazafiratos, C., Bhat, R., et al. Indomethacin metabolism in isolated neonatal and fetal rabbit hepatocytes. *Pediatr. Res.* 15(11):1406-1410(1981)

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