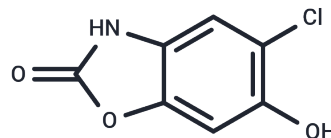


6-hydroxy Chlorzoxazone

Chemical Properties

CAS No. :	1750-45-4
Formula:	C7H4ClNO3
Molecular Weight:	185.56
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	6-hydroxy Chlorzoxazone is a metabolite of chlorzoxazone. [1] It is formed by metabolism of chlorzoxazone by the cytochrome P450 (CYP) isoform CYP2E1 in human hepatic microsomes.
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Solubility Information

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

	1mg	5mg	10mg
1 mM	5.3891 mL	26.9455 mL	53.8909 mL
5 mM	1.0778 mL	5.3891 mL	10.7782 mL
10 mM	0.5389 mL	2.6945 mL	5.3891 mL
50 mM	0.1078 mL	0.5389 mL	1.0778 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

Court, M.H., Von Moltke, L.L., Shader, R.I., et al. Biotransformation of chlorzoxazone by hepatic microsomes from humans and ten other mammalian species. *Biopharm. Drug Dispos.* 18(3), 213-226 (1997).

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