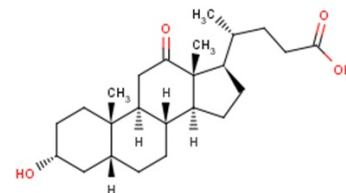


## 12-Ketodeoxycholic acid

## Chemical Properties

CAS No.:	5130-29-0
Formula:	C <sub>24</sub> H <sub>38</sub> O <sub>4</sub>
Molecular Weight:	390.56
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	12-Ketodeoxycholic acid is a bile acid, metabolite from kidney. 12-Ketodeoxycholic acid can be a detectable marker for evidence of kidney injury[1]
Targets(IC <sub>50</sub> )	metabolite from kidney: None
In vitro	Bile acids are produced from conjugation of cholesterol . Its incorporation in the bile by the liver for secretion in the intestine[1].

## Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.56 mL	12.802 mL	25.604 mL
5 mM	0.512 mL	2.56 mL	5.121 mL
10 mM	0.256 mL	1.28 mL	2.56 mL
50 mM	0.051 mL	0.256 mL	0.512 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. Chen H, et al. Metabolomics insights into activated redox signaling and lipid metabolism dysfunction in chronic kidney disease progression.Redox Biol. 2016 Dec;10:168-178.

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Tel:781-999-4286

E-mail:[info@targetmol.com](mailto:info@targetmol.com)

Address:36 Washington Street,Wellesley Hills,MA 02481