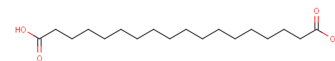


## Octadecanedioic acid

## Chemical Properties

CAS No.:	871-70-5
Formula:	C <sub>18</sub> H <sub>34</sub> O <sub>4</sub>
Molecular Weight:	314.46
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	Octadecanedioic acid is a endogenous metabolite , is a long-chain dicarboxylic acid .
Targets(IC <sub>50</sub> )	Human Endogenous Metabolite: None

## 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	3.18 mL	15.9 mL	31.801 mL
5 mM	0.636 mL	3.18 mL	6.36 mL
10 mM	0.318 mL	1.59 mL	3.18 mL
50 mM	0.064 mL	0.318 mL	0.636 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. Tongsgard JH. Serum dicarboxylic acids in patients with Reye syndrome. J Pediatr. 1986 Sep;109(3):440-5.

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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