



上海鸿运源化工有限公司  
SHANGHAI HYYCHEM CO., LTD.

Add.: Room 2102, No. 915, Zhenbei Road, Shanghai, 200333, P.R. Of CHINA

Tel: 008621 3251 3559 Fax: 008621 3251 3556 E-mail: sales@hyychem.com www.hyychem.com

## Technical Data Sheet

### Ethyl 6,8-dichlorocaprylate

Version 2.0

Applications:	<p>Ethyl 6,8-dichlorocaprylate may be used as a starting material in the synthesis of 6-selenolipoic acid and <math>\alpha</math>-lipoic acid derivatives, which show potent anticancer activity</p> <p>It may also be used as a starting material to synthesize:</p> <ul style="list-style-type: none"><li>• 6,8-Dibenzylmercaptooctanoic acid, an intermediate for the preparation of DL-<math>\alpha</math>-lipoic acid</li><li>• Ethyl 5,7-dichloroheptanoate, an intermediate for the preparation of DL-1,2-dithiolane-3-butyric acid.</li><li>• 7-Bromo-1,3-dichloroheptane, an intermediate for the preparation of DL-12-dithiolane-3-butanefulfonamide</li></ul>
Synonyms:	<p>6,8-DICHLOROETHYLCAPRYLATE 6,8-DICHLORO-OCTANOIC ACID ETHYL ESTER ETHYL 6,8-DICHLORO CAPRYLATE ETHYL-6,8-DICHLORO OCTANATE ETHYL 6,8-DICHLORO OCTANOATE 6,8-dichloro-octanoic acid ethylester 6,8-DICHLORO OCTANOATE 6,8-DICHLORO OCTANOIC ACID ETHYL ESTER (EDCO) 6,8-DICHLOROETHYLOCTANOATE 6,8-Dichlorethylcaprylat 6,8-Dichlorooctanoic acid ethyl ester Ethyl-6,8-dichlorooctanoate</p>
Structural formula:	 <chem>CCOC(=O)CCCC(Cl)CCl</chem>
Formula:	$C_{10}H_{18}Cl_2O_2$
Molecular weight:	241.16

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#### Disclaimer:

The information given in this publication is obtained from sources believed to be reliable and every effort has been made to ensure that the data is correct and not misleading. However, HYYCHEM accepts no responsibility for any errors, omissions or incorrect information or for any loss or consequential losses.



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CAS No.:	1070-64-0	
EINECS:	435-080-1	
Specifications		
Assay:	≥97% (GC)	
Any single impurity:	≤2.0%	
Total impurity:	≤2.5%	
Residue solvents: (ethanol)	≤0.5%	
Residue solvents: (Toluene)	≤0.089%	
Appearance:	Light yellow transparent liquid	
Handling:		
	Packaging:	Drum, Net Weight:200kg
	Shelf life:	24 months
	Storage:	Protect from moisture, oxygen, heat and light. It should be store in the original unopened containers at room temperature. Once opened, use contents quickly. Keep it in shade and dry places

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