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**Product Data Sheet**

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Product Name: Stearamide

Cat. No.: GC10883

**Chemical Properties**

Cas. No. 124-26-5

SMILES NC(CCCCCCCCCCCCCCCCCC)=OFormula  $C_{18}H_{37}NO$ 

M.Wt 283.5

Solubility DMF: 14 mg/ml, DMSO: 20 mg/ml, Ethanol: 22 mg/ml, PBS  
(pH 7.2): 50  $\mu$ g/mlStorage Store at  
-20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure **Background**

Stearamide is a primary fatty acid amide that is often used in the synthesis of organic chemicals and surfactants. Levels of stearamide are reported to be up-regulated in the serum of patients with hepatic cirrhosis. Thus, it may be a potential biomarker for disordered fatty acid metabolism related to fatty liver diseases.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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