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**Product Data Sheet**

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Product Name: Octadecanedioic acid

Cat. No.: GC61145

**Chemical Properties**

Cas. No. 871-70-5

SMILES O=C(O)CCCCCCCCCCCCCCCCC(O)=OFormula  $C_{18}H_{34}O_4$ 

M.Wt 314.46

Solubility DMSO : 100 mg/mL (318.01 mM; Need ultrasonic) Storage 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**

Octadecanedioic acid, an endogenous metabolite, is a long-chain dicarboxylic acid that has been found in serum free fatty acid profile in Reye syndrome[1].

[1]. Tonsgard JH. Serum dicarboxylic acids in patients with Reye syndrome. J Pediatr. 1986 Sep;109(3):440-5.

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

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