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**Product Data Sheet**

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Product Name: 5 $\beta$ -Cholanic acid

Cat. No.: GC66877

**Chemical Properties**

Cas. No. 546-18-9

Formula C<sub>24</sub>H<sub>40</sub>O<sub>2</sub>

M.Wt 360.57

Solubility DMSO : 100 mg/mL (277.34 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**

5 $\beta$ -Cholanic acid can be used for 5 $\beta$ -Cholanic acid derivatives synthesis<sup>[1]</sup>.

[1]. Weizhi Wang, et al. Improved oral delivery of insulin by PLGA nanoparticles coated with 5  $\beta$ -cholanic acid conjugated glycol chitosan. Biomed Mater. 2021 Oct 12;16(6).

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

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