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**Product Data Sheet**


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Product Name: Ursonic acid methyl ester

Cat. No.: GC61366

**Chemical Properties**

Cas. No. 989-72-0

SMILES CC1(C)C(CC[C@]2(C)[C@@]3([H])CC=C4[C@]5([H])[C@@H](C)[C@H](C)CC[C@@](C(OC)=O)5CC[C@](C)4[C@@](C)3CC[C@@]12[H])=O

Formula  $C_{31}H_{48}O_3$  M.Wt 468.71

Solubility 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**

Ursonic acid methyl ester is an esterified derivative of Ursolic acid . Ursonic acid methyl ester shows growth inhibitory activity against four tumor cell lines, HL-60, BGC, Bel-7402 and Hela with ED50 values of >100 µg/ml[1].

[1]. Chao-Mei Ma, et al. The cytotoxic activity of ursolic acid derivatives. Eur J Med Chem. 2005 Jun;40(6):582-9.

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

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