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## Product Data Sheet

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Product Name: Saikogenin F

Cat. No.: GC61260

**Chemical Properties**

Cas. No. 14356-59-3

SMILES C[C@@]1(C[C@@H]2O)[C@]3(C=C[C@@]4([H])[C@]1(CC[C@]([C@@](C)5CO)([H])[C@@]4(CC[C@@H]5O)C)C)[C@@](CC6(C)C)([H])[C@@]2(CC6)CO3

Formula	C <sub>30</sub> H <sub>48</sub> O <sub>4</sub>	M.Wt	472.7
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Solubility		Storage	Store at -20°C
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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**

Saikogenin F is isolated from the chloroform extract of the Chinese medicine formula Shenqi San. Anti-cancer activity[1].

Saikogenin F inhibits the proliferation of A549 cells with inhibition rates of 18.81%, 47.64% and 86.01% at concentrations of 50, 70 and 90 µg/mL, respectively[1].

[1]. Lu Shi, et al. A Potential Anti-cancer Compound Separated from the Chloroform Extract of the Chinese Medicine Formula Shenqi San. *Curr Med Sci.* 2020 Feb;40(1):138-144.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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