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**Product Data Sheet**

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Product Name: 11( $\alpha$ )-Methoxysaikosaponin F

Cat. No.: GC35047

**Chemical Properties**

Cas. No. 104109-37-7

Formula C<sub>49</sub>H<sub>82</sub>O<sub>18</sub> M.Wt 959.16

Solubility Soluble in DMSO 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**

11( $\alpha$ )-Methoxysaikosaponin F is a triterpenoid saponin isolated from *Bupleurum marginatum* Wall.ex DC(ZYCH) which is a promising therapeutic for liver fibrosis. 11( $\alpha$ )-Methoxysaikosaponin F has an IC<sub>50</sub> of 387.7 nM with viability of hepatic stellate cells-T6 (HSCs-T6). Triterpenoid saponins have numerous targets, important network positions, and strong inhibitory activity[1].

[1]. Liu X, et al. *Bupleurum marginatum* Wall.ex DC in Liver Fibrosis: Pharmacological Evaluation, Differential Proteomics, and Network Pharmacology. *Front Pharmacol.* 2018 May 17;9:524.

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

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