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**Product Data Sheet**


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Product Name: Soyasaponin III

Cat. No.: GC39182

**Chemical Properties**

Cas. No. 55304-02-4

SMILES O[C@@H]([C@@H]([C@@H](C(O)=O)O)O)[C@@H](O[C@H]2[C@@H]([C@H]([C@H]([C@@H](CO)O)O)O)[C@@H]1O[C@@H]3CC[C@]4(C)[C@@]5([H])CC=C6[C@]7([H])CC(C)(C)C[C@H](O)[C@@](C)7CC[C@](C)6[C@@](C)5CC[C@]([H])4[C@]3(C)CO

Formula C<sub>42</sub>H<sub>68</sub>O<sub>14</sub> M.Wt 796.98

Solubility Soluble in DMSO Storage 4°C, protect from light

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**

Soyasaponin III, a monodesmodic oleanane triterpenoid, is one of the main potentially bioactive saponins found in soy (*Glycine max*) and related products. Soyasaponin III can induce apoptosis in Hep-G2 cells[1].

[1]. Zhang W, et al. Group B oleanane triterpenoid extract containing soyasaponins I and III from soy flour induces apoptosis in Hep-G2 cells. *J Agric Food Chem.* 2010 May 12;58(9):5315-9.

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

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