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**Product Data Sheet**


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Product Name: Gypenoside XIII

Cat. No.: GC36205

**Chemical Properties**

Cas. No. 80325-22-0

SMILES C[C@]12[C@@](C[C@@H](O)[C@@]3([H])[C@]2(CC[C@]3([H])[C@@](CC/C=C(C)/C)(C)O[C@@H]4O[C@@H]([C@@H](O)[C@H](O)[C@H]4O)CO[C@H]5[C@@H]([C@H]([C@H](O)CO5)O)O)C)([H])[C@@]6([C@@](C(C)([C@@H](O)CC6)C)([H])CC1)C

Formula C<sub>41</sub>H<sub>70</sub>O<sub>12</sub> M.Wt 754.99

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**

Gypenoside XIII is belonging to the gypenosides. Gypenosides, extracted from *Gynostemma pentaphyllum*, have various pharmacological properties and protect against cardiovascular diseases, especially atherosclerosis[1].

[1]. Yang K, et al. Gypenoside XVII Prevents Atherosclerosis by Attenuating Endothelial Apoptosis and Oxidative Stress: Insight into the ER $\alpha$ -Mediated PI3K/Akt Pathway. *Int J Mol Sci.* 2017 Feb 9;18(2).

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

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