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**Product Data Sheet**

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Product Name: Qingyangshengenin B

Cat. No.: GN10602

**Chemical Properties**

Cas. No. 106758-54-7

Formula C<sub>48</sub>H<sub>76</sub>O<sub>16</sub> M.Wt 909.11

Solubility Storage

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**

Qingyangshengenin B, a C-21 steroidal glycoside isolated from Qingyangshen. Qingyangshengenin B protects against A $\beta$  toxicity, which decreases A $\beta$  deposition by decreasing the expression of A $\beta$  at the mRNA level. Qingyangshengenin B has antiepileptic activity[1][2][3].

## References:

- [1]. Li JL, et al. Bioactive C21 Steroidal Glycosides from the Roots of Cynanchum otophyllum That Suppress the Seizure-like Locomotor Activity of Zebrafish Caused by Pentylentetrazole. J Nat Prod. 2015 Jul 24;78(7):1548-55.
- [2]. Yang J, et al. Otophyllin B Protects Against A $\beta$  Toxicity in Caenorhabditis elegans Models of Alzheimer's Disease. Nat Prod Bioprospect. 2017 Apr;7(2):207-214.
- [3]. Li X, et al. Antiepileptic C21 steroids from the roots of Cynanchum otophyllum. J Asian Nat Prod Res. 2015;17(7):724-32.

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

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