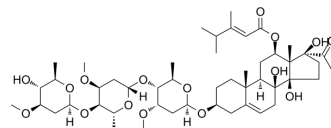


Otophyllósíde B

Cat. No.:	HY-N0582
CAS No.:	106758-54-7
Molecular Formula:	C ₄₉ H ₇₆ O ₁₆
Molecular Weight:	923.13
Target:	Amyloid-β
Pathway:	Neuronal Signaling
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description

Otophyllósíde B, a C-21 steroidal glycoside isolated from Qingyangshen. Otophyllósíde B protects against Aβ toxicity, which decreases Aβ deposition by decreasing the expression of Aβ at the mRNA level. Otophyllósíde 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 Pentylene-tetrazole. *J Nat Prod*. 2015 Jul 24;78(7):1548-55.
- [2]. Yang J, et al. Otophyllósíde B Protects Against Aβ 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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