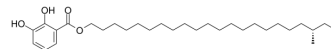


Gentiside B

Cat. No.:	HY-N9096
CAS No.:	1225022-67-2
Molecular Formula:	C ₃₀ H ₅₂ O ₄
Molecular Weight:	476.73
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Gentiside B has neuritogenic activity and induce neurite outgrowth. Gentiside B can be isolated from the root and rhizome of *Gentiana rigescens*. *Gentiana* has hepatoprotective, anti-inflammatory, analgesic, antiproliferative and antimicrobial effects^{[1][2][3]}.

REFERENCES

- [1]. Chu B, et al. Optimization of Gentisides Extraction from *Gentiana rigescens* Franch. ex Hemsl. by Response Surface Methodology. *J Anal Methods Chem.* 2015;2015:819067.
- [2]. Gao L, et al. Gentisides A and B, two new neuritogenic compounds from the traditional Chinese medicine *Gentiana rigescens* Franch. *Bioorg Med Chem.* 2010 Mar 15;18(6):2131-2134.
- [3]. More SV, et al. The role of bioactive compounds on the promotion of neurite outgrowth. *Molecules.* 2012 Jun 4;17(6):6728-53.

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

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