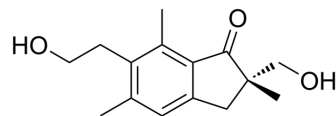


Pterosin A

Cat. No.:	HY-N7912
CAS No.:	35910-16-8
Molecular Formula:	C ₁₅ H ₂₀ O ₃
Molecular Weight:	248.32
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description

Pterosin A is an orally active anti-diabetic agent. Pterosin A promotes glucose uptake, increases serum insulin, and improves hyperglycemia and glucose intolerance in diabetic mice. Pterosin A can be isolated from *Pteridium aquilinum*^{[1][2]}.

REFERENCES

- [1]. Hsu FL, et al. Antidiabetic effects of pterosin A, a small-molecular-weight natural product, on diabetic mouse models. *Diabetes*. 2013 Feb;62(2):628-38.
- [2]. Chen CY, et al. Chemical constituents analysis and antidiabetic activity validation of four fern species from Taiwan. *Int J Mol Sci*. 2015 Jan 22;16(2):2497-516.

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

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