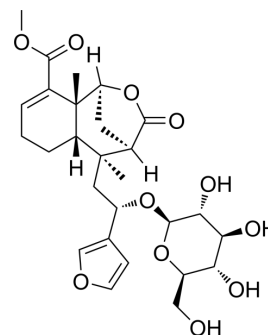


Borapetoside E

Cat. No.:	HY-N2953
CAS No.:	151200-49-6
Molecular Formula:	C ₂₇ H ₃₆ O ₁₁
Molecular Weight:	536.57
Target:	Fatty Acid Synthase (FASN)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Borapetoside E can be isolated from *T. crispa*. Borapetoside E improves hyperglycemia, insulin resistance, hepatic steatosis, hyperlipidemia, and oxygen consumption in obese mice. Borapetoside E also inhibits SREBPs expression in the liver and adipose tissue^[1].

REFERENCES

[1]. Xu Y, et al. Borapetoside E, a Clerodane Diterpenoid Extracted from *Tinospora crispa*, Improves Hyperglycemia and Hyperlipidemia in High-Fat-Diet-Induced Type 2 Diabetes Mice. *J Nat Prod.* 2017 Aug 25;80(8):2319-2327.

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

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