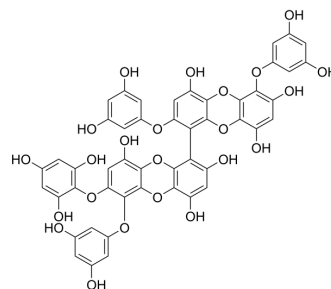


2,7''-Phloroglucinol-6,6'-bieckol

Cat. No.:	HY-N11728
CAS No.:	1621988-60-0
Molecular Formula:	C ₄₈ H ₃₀ O ₂₃
Molecular Weight:	974.74
Target:	Amylases; Glucosidase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	2,7''-Phloroglucinol-6,6'-bieckol is an orally active dual α -amylase/ α -glucosidase inhibitor with IC ₅₀ values of 6.94 μ M and 23.35 μ M respectively. 2,7''-Phloroglucinol-6, 6'-bieckol alleviates postprandial hyperglycemia in diabetic mice. 2,7''-Phloroglucinol-6,6'-bieckol can be used in diabetes research ^[1] .
IC ₅₀ & Target	IC ₅₀ : 6.94 μ M (α -amylase); 23.35 μ M (α -glucosidase) ^[1] .

REFERENCES

[1]. Lee HA, et al. A phlorotannin constituent of *Ecklonia cava* alleviates postprandial hyperglycemia in diabetic mice. *Pharm Biol.* 2017 Dec;55(1):1149-1154.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA