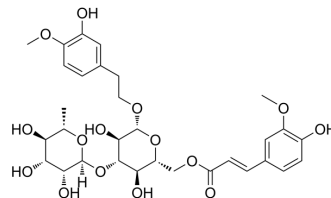


Isomartynoside

Cat. No.:	HY-N3470
CAS No.:	94410-22-7
Molecular Formula:	C ₃₁ H ₄₀ O ₁₅
Molecular Weight:	652.64
Target:	Angiotensin-converting Enzyme (ACE)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Isomartynoside is a potent angiotensin converting enzyme (ACE) inhibitor with an IC ₅₀ value of 505.9 μM. Isomartynoside is a phenylpropanoid glycoside that can be found in <i>Galeopsis pubescens</i> ^{[1][2]} . IC ₅₀ : 505.9 μM (ACE) ^[1]
IC₅₀ & Target	IC ₅₀ : 505.9 μM (ACE) ^[1]

REFERENCES

- [1]. Kang DG, et al. Angiotensin converting enzyme inhibitory phenylpropanoid glycosides from *Clerodendron trichotomum*. *J Ethnopharmacol.* 2003 Nov;89(1):151-4.
- [2]. Ihsan Calis, et al. Isomartynoside, a phenylpropanoid glycoside from *Galeopsis pubescens*. *Phytochemistry*, 1984, 23 (10): 2313-2315.

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