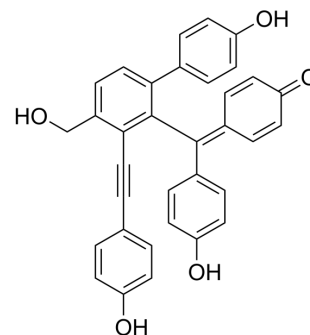


Selaginellin

Cat. No.:	HY-N10083
CAS No.:	941269-84-7
Molecular Formula:	C ₃₄ H ₂₄ O ₅
Molecular Weight:	512.55
Target:	Reactive Oxygen Species; Sirtuin
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB; Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Selaginellin is an inhibitor of Reactive Oxygen Species and an activator of SIRT1. Selaginellin protects endothelial cells against homocysteine-induced senescence by inhibiting reactive oxygen species and upregulating SIRT1 gene expression^[1].

REFERENCES

[1]. Wang CJ, et al. Effects of selaginellin on homocysteine-induced senescence in human umbilical vein endothelial cells. J Cardiovasc Pharmacol. 2010 Jun;55(6):560-6.

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