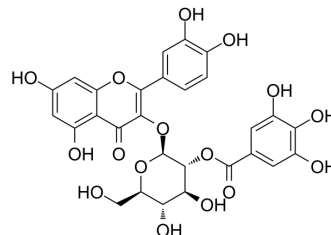


Quercetin-3-O-(2''-O-galloyl)-β-D-glucopyranoside

Cat. No.:	HY-N11538
CAS No.:	69624-79-9
Molecular Formula:	C ₂₈ H ₂₄ O ₁₆
Molecular Weight:	616.48
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Quercetin-3-O-(2''-O-galloyl)-β-D-glucopyranoside is a orally active phenolic compound that can be isolated from the Geranium species. Quercetin-3-O-(2''-O-galloyl)-β-D-glucopyranoside has anti-inflammatory activities and has potential application in edema and aortic endothelium-dependent relaxation injury ^[1] .
In Vivo	Quercetin-3-O-(2''-O-galloyl)-β-D-glucopyranoside (100 mg/kg; p.o.; single dose) attenuates PGE2 (HY-101952)-induced paw edema, carrageenan-induced hind paw edema and p-benzoquinone-induced writhing reaction in male swiss albino mice ^[1] . Quercetin-3-O-(2''-O-galloyl)-β-D-glucopyranoside (0.5 mg/ear; apply on the ear; single dose) inhibits 12-O-tetradecanoyl-13-acetate (TPA) -induced ear edema in male swiss albino mice ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. K peli E, et al. Estimation of antinociceptive and anti-inflammatory activity on Geranium pratense subsp. finitimum and its phenolic compounds. J Ethnopharmacol. 2007 Nov 1;114(2):234-40.

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