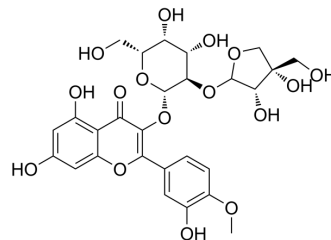


Tamarixetin 3-O-β-d-apiofuranosyl-(1 → 2)-β-d-galactopyranoside

Cat. No.:	HY-N12742
Molecular Formula:	C ₂₇ H ₃₀ O ₁₆
Molecular Weight:	610.52
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Tamarixetin 3-O-β-d-apiofuranosyl-(1 → 2)-β-d-galactopyranoside (compound 4) is an inhibitor of collagenase and elastase with potential anti-inflammatory activity. Tamarixetin 3-O-β-d-apiofuranosyl-(1 → 2)-β-d-galactopyranoside can be isolated from the methanol extract of the Balkan endemic species <i>Astragalus thracicus</i> Griseb. ^{[3][1]} .
IC ₅₀ & Target	Collagenase; Elastase ^[1]

REFERENCES

[1]. Vasilev H, et al. Five New Tamarixetin Glycosides from *Astragalus thracicus* Griseb. Including Some Substituted with the Rare 3-Hydroxy-3-methylglutaric Acid and Their Collagenase Inhibitory Effects In Vitro[J]. ACS Omega, 2024.

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