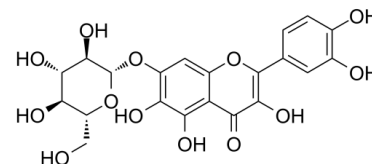


Data Sheet

Product Name:	Quercetagitrin
Cat. No.:	CS-0032240
CAS No.:	548-75-4
Molecular Formula:	C ₂₁ H ₂₀ O ₁₃
Molecular Weight:	480.38
Target:	Others
Pathway:	Others
Solubility:	DMSO : 125 mg/mL (260.21 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

Quercetagitrin (Quercetagetin-7-O-glucoside), isolated from the flowers of the African Marigold (*Tagetes erecta*), has anti-inflammatory activity^{[1][2]}.

References:

[1]. BY P. SURYAPRAKASA RAO, et al. Isolation and constitution of quercetagitrin, a glucoside of quercetagetin. Proceedings of the Indian Academy of Sciences - Section A. 1941.

[2]. Tordera M, et al. Influence of anti-inflammatory flavonoids on degranulation and arachidonic acid release in rat neutrophils. Z Naturforsch C. 1994 Mar-Apr;49(3-4):235-40.

CAIndexNames:

4H-1-Benzopyran-4-one, 2-(3,4-dihydroxyphenyl)-7-(β-D-glucopyranosyloxy)-3,5,6-trihydroxy-

SMILES:

O=C1C2=C(O)C(O)=C(O[C@@H]3O[C@@H]([C@@H](O)[C@H](O)[C@H]3O)CO)C=C2OC(C4=CC(O)=C(O)C=C4)=C1O

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

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