



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Kaempferol

Catalog #: 27757

Lot #: 220624

Size: 50 mg

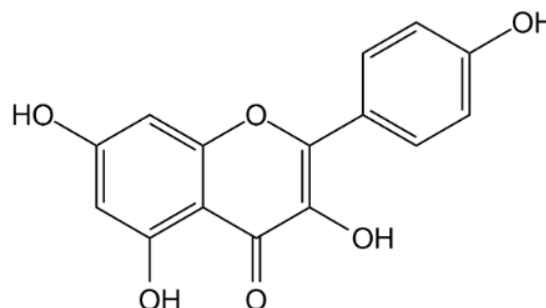
CAS Registry #: 520-18-3

Purity: ≥99%

Chemical Formula: C₁₅H₁₀O₆

Molecular Weight: 286.2

Structure:



Description:

Naturally occurring flavonoid found in Gingko biloba and red wines that activates the mitochondrial Ca²⁺ uniporter (EC₅₀ = 7 μM). Induces caspase-9-mediated apoptosis in a variety of cancer cell lines via downregulation of polo-like kinase 1 (PLK1) expression. Exhibits antioxidant activity and attenuates osteoclastic bone reabsorption in vitro.

Solubility: insoluble in H₂O; insoluble in EtOH; ≥12.25 mg/mL in DMSO

Storage/Stability:

Store at or below +4°C. Solid form is stable at least 12 months from date of receipt, when stored as directed.

Reference:

1. Kim SH, Choi KC. Toxicol Res. 2013 Dec 31;29(4):229-34.
2. Chen AY, Chen YC. Food Chem. 2013 Jun 15;138(4):2099-107.