



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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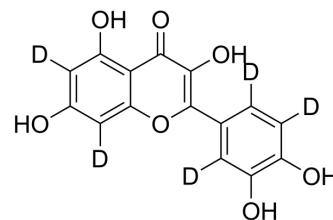
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Quercetin-d₅

Cat. No.:	HY-18085S
CAS No.:	263711-78-0
Molecular Formula:	C ₁₅ H ₅ D ₅ O ₇
Molecular Weight:	307.27
Target:	PI3K; Autophagy; Mitophagy; Apoptosis
Pathway:	PI3K/Akt/mTOR; Autophagy; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Quercetin-d₅ is a deuterium labeled Quercetin. Quercetin, a natural flavonoid, is a stimulator of recombinant SIRT1 and also a PI3K inhibitor with IC₅₀ of 2.4 μM, 3.0 μM and 5.4 μM for PI3K γ, PI3K δ and PI3K β, respectively[1].

REFERENCES

[1]. Leyre Navarro-Núñez, et al. Effect of quercetin on platelet spreading on collagen and fibrinogen and on multiple platelet kinases. Fitoterapia. 2010 Mar;81(2):75-80.

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

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