



# 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

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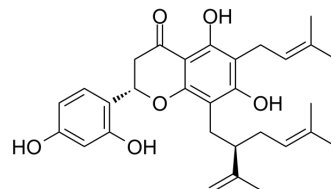
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## Kushenol B

Cat. No.:	HY-N8092
CAS No.:	99217-64-8
Molecular Formula:	C <sub>30</sub> H <sub>36</sub> O <sub>6</sub>
Molecular Weight:	492.6
Target:	Phosphodiesterase (PDE)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Kushenol B is an isoprenoid flavonoid isolated from <i>S. flavescens</i> , has antimicrobial, anti-inflammatory and antioxidant activities <sup>[1]</sup> . Kushenol B has inhibitory activity against cAMP phosphodiesterase (PDE), with an IC <sub>50</sub> of 31 μM <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 31 μM (cAMP PDE) <sup>[1]</sup>

### REFERENCES

[1]. Han-Tian Fan, et al. The rational search for PDE10A inhibitors from *Sophora flavescens* roots using pharmacophore<sup>®</sup> and docking<sup>®</sup>-based virtual screening. Mol Med Rep

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

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