



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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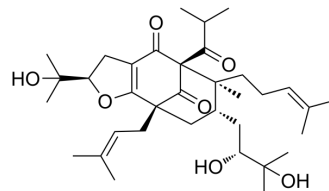
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## Hyperidione D

Cat. No.:	HY-N13088
Molecular Formula:	C <sub>35</sub> H <sub>54</sub> O <sub>7</sub>
Molecular Weight:	586.8
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Hyperidione D is a potent antidepressant agent. Hyperidione D shows neuroprotective effects <sup>[1]</sup> .								
<b>In Vitro</b>	Hyperidione D (10 μM) shows neuroprotective effects against corticosterone (HY-B1618)-induced damage in SH-SY5Y cells <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.								
<b>In Vivo</b>	Hyperidione D (1.25, 2.5, and 5 mg/kg; i.p.) shows antidepressant activity in mice <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.								
	<table border="1"> <tr> <td>Animal Model:</td> <td>20 g, adult male C57BL/6J mice<sup>[1]</sup></td> </tr> <tr> <td>Dosage:</td> <td>1.25, 2.5, and 5 mg/kg</td> </tr> <tr> <td>Administration:</td> <td>i.p.; 1 h before the test</td> </tr> <tr> <td>Result:</td> <td>Showed antidepressant activity and significant reduction in CORT levels.</td> </tr> </table>	Animal Model:	20 g, adult male C57BL/6J mice <sup>[1]</sup>	Dosage:	1.25, 2.5, and 5 mg/kg	Administration:	i.p.; 1 h before the test	Result:	Showed antidepressant activity and significant reduction in CORT levels.
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Result:	Showed antidepressant activity and significant reduction in CORT levels.								

### REFERENCES

[1]. Pan XG, et al. New polycyclic polyprenylated acylphloroglucinols with antidepressant activities from *Hypericum perforatum* L. *Bioorg Chem.* 2024 Jul 16;151:107657.

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

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