



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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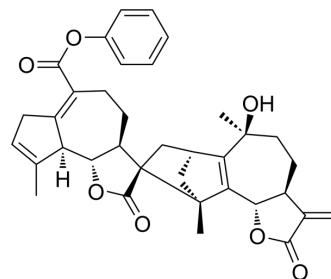
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## Anticancer agent 203

Cat. No.:	HY-162392
Molecular Formula:	C <sub>36</sub> H <sub>38</sub> O <sub>7</sub>
Molecular Weight:	582.68
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Anticancer agent 203 (compound 27) is an anticancer agent. Anticancer agent 203 shows cytotoxicity. Anticancer agent 203 has the potential for the research of hepatoma <sup>[1]</sup> .								
<b>In Vitro</b>	<p>Anticancer agent 203 (compound 27) shows cytotoxicity for THLE-2 cells with an CC<sub>50</sub> value of 10.7 μM<sup>[1]</sup>. MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p> <p>Cell Proliferation Assay<sup>[1]</sup></p> <table border="1"> <tr> <td>Cell Line:</td> <td>HepG2, Huh7,SK-Hep-1 cells</td> </tr> <tr> <td>Concentration:</td> <td>0-100 μM</td> </tr> <tr> <td>Incubation Time:</td> <td>48 h</td> </tr> <tr> <td>Result:</td> <td>Showed antiproliferative activity with IC<sub>50</sub>s of 5.2, 5.4, 5.8 μM for HepG2, Huh7,SK-Hep-1 cells, respectively.</td> </tr> </table>	Cell Line:	HepG2, Huh7,SK-Hep-1 cells	Concentration:	0-100 μM	Incubation Time:	48 h	Result:	Showed antiproliferative activity with IC <sub>50</sub> s of 5.2, 5.4, 5.8 μM for HepG2, Huh7,SK-Hep-1 cells, respectively.
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### REFERENCES

[1]. Wang X, et al. Synthesis and antihepatoma activity of guaianolide dimers derived from lavandiolid I. Bioorg Med Chem Lett. 2024 May 15;104:129708.

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

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