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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

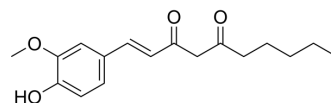
mail@szabo-scandic.com

www.szabo-scandic.com

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

6-Dehydrogingerdione

Cat. No.:	HY-N7152
CAS No.:	76060-35-0
Molecular Formula:	C ₁₇ H ₂₂ O ₄
Molecular Weight:	290.35
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	6-Dehydrogingerdione sensitizes human hepatoblastoma Hep G2 cells to TRAIL-induced apoptosis via reactive oxygen species-mediated increase of DR5 ^[1] .								
In Vitro	<p>6-Dehydrogingerdione could trigger apoptotic cell death via both mitochondrial- and Fas receptor-mediated pathways^[1]. 6-Dehydrogingerdione (6-DG) up-regulates Ser-15 phosphorylation and evoked p53 nuclear translocation^[1]. 6-Dehydrogingerdione (6-DG) induces mitochondrial apoptotic pathway^[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p> <p>Apoptosis Analysis^[1]</p> <table border="1"> <tr> <td>Cell Line:</td> <td>Hep G2 cells.</td> </tr> <tr> <td>Concentration:</td> <td>0, 50, 100 μM.</td> </tr> <tr> <td>Incubation Time:</td> <td>24 h.</td> </tr> <tr> <td>Result:</td> <td>Induced Apoptosis in Hep G2 Cells.</td> </tr> </table>	Cell Line:	Hep G2 cells.	Concentration:	0, 50, 100 μM.	Incubation Time:	24 h.	Result:	Induced Apoptosis in Hep G2 Cells.
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Concentration:	0, 50, 100 μM.								
Incubation Time:	24 h.								
Result:	Induced Apoptosis in Hep G2 Cells.								

REFERENCES

[1]. Chung-Yi Chen, et al. 6-dehydrogingerdione sensitizes human hepatoblastoma Hep G2 cells to TRAIL-induced apoptosis via reactive oxygen species-mediated increase of DR5. J Agric Food Chem. 2010 May 12;58(9):5604-11.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA