



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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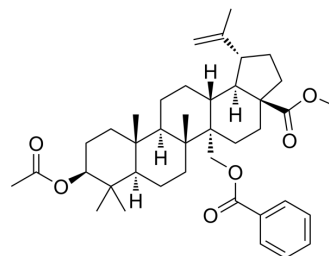
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## Methyl helicterate

<b>Cat. No.:</b>	HY-125522
<b>CAS No.:</b>	102637-02-5
<b>Molecular Formula:</b>	C <sub>40</sub> H <sub>56</sub> O <sub>6</sub>
<b>Molecular Weight:</b>	632.87
<b>Target:</b>	ERK; Apoptosis
<b>Pathway:</b>	MAPK/ERK Pathway; Stem Cell/Wnt; Apoptosis
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Methyl helicterate is a triterpenoid, that can be isolated from <i>Helicteres angustifolia</i> (Sterculiaceae). Methyl helicterate inhibits hepatic stellate cell activation and promotes cell apoptosis through downregulating the ERK1/2 signaling pathway [1][2][3].		
<b>IC<sub>50</sub> &amp; Target</b>	ERK1	ERK2	

### REFERENCES

- [1]. Wei Y, et al. Methyl helicterate inhibits hepatic stellate cell activation through downregulating the ERK1/2 signaling pathway. *J Cell Biochem.* 2019 Sep;120(9):14936-14945.
- [2]. Huang Q, et al. Effect and mechanism of methyl helicterate isolated from *Helicteres angustifolia* (Sterculiaceae) on hepatic fibrosis induced by carbon tetrachloride in rats. *J Ethnopharmacol.* 2012 Oct 11;143(3):889-95.
- [3]. Chen W, et al. Pregnane, coumarin and lupane derivatives and cytotoxic constituents from *Helicteres angustifolia*. *Phytochemistry.* 2006 May;67(10):1041-7.

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

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