



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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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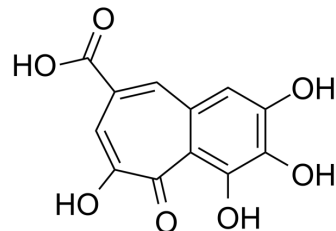
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## Purpurogallin carboxylic acid

Cat. No.:	HY-N6877
CAS No.:	5146-12-3
Molecular Formula:	C <sub>12</sub> H <sub>8</sub> O <sub>7</sub>
Molecular Weight:	264.19
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Purpurogallin carboxylic acid, isolated from <i>Macleaya microcarpa</i> (Maxim.) Fedde, is an oxidation product of gallic acid in fermented tea. Purpurogallin carboxylic acid has anti-cancer activity <sup>[1][2]</sup> .
<b>In Vitro</b>	Purpurogallin carboxylic acid has an inhibitory effect towards breast (MCF7) and lung (A549) cancer cell lines <sup>[2]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

- [1]. Jhoo, J.W, et al. Anti-inflammatory Effects of Purpurogallin Carboxylic Acid, An Oxidation Product of Gallic Acid in Fermented Tea.
- [2]. Rambabu M, et al. Virtual screening of National Cancer Institute database for claudin-4 inhibitors: Synthesis, biological evaluation, and molecular dynamics studies. *J Cell Biochem.* 2018 Nov 26.

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

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