



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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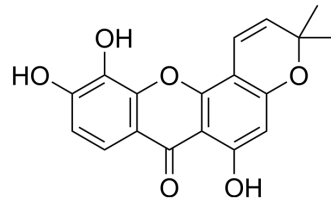
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## Isojacareubin

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-N8306  |
| CAS No.:           | 50597-93-8  |
| Molecular Formula: | C <sub>18</sub> H <sub>14</sub> O <sub>6</sub>  |
| Molecular Weight:  | 326.3   |
| Target:            | Bacterial; PKC; Apoptosis; SARS-CoV   |
| Pathway:           | Anti-infection; Epigenetics; TGF-beta/Smad; Apoptosis                                     |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

#### Description

Isojacareubin can be isolated from *Hypericum japonicum*. Isojacareubin covalently inhibits SARS-CoV-2 3CLpro. Isojacareubin also has anti-helicobacter activity. Isojacareubin inhibits PKC, and suppresses hepatocellular carcinoma metastasis and induces apoptosis<sup>[1][2][3]</sup>.

### REFERENCES

- [1]. Kyoko Ishiguro, et al. An isopentenylated flavonol from *Hypericum japonicum*. *Phytochemistry*. 1993. 32 (6), 1583-1585.
- [2]. Khan A, et al. Discovery of Isojacareubin as a covalent inhibitor of SARS-CoV-2 main protease using structural and experimental approaches. *J Med Virol*. 2023 Feb;95(2):e28542.
- [3]. Yuan X, et al. Inhibition of protein kinase C by isojacareubin suppresses hepatocellular carcinoma metastasis and induces apoptosis in vitro and in vivo. *Sci Rep*. 2015 Aug 6;5:12889.

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

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