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## Product Data Sheet

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Product Name: 3'-Hydroxymirificin

Cat. No.: GC68533

### Chemical Properties

Cas. No. 168035-02-7

Formula C<sub>26</sub>H<sub>28</sub>O<sub>14</sub> M.Wt 564.49

Solubility Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

### Background

3'-droxymirificin (compound 3) is a natural compound that can be isolated from *Pueraria lobata* roots. 3'-droxymirificin (compound 3) possesses estrogenic activity and anti-proliferation of MCF-7 human breast carcinoma cells<sup>[1]</sup>.

[1]. Soo-Yeon Ahn , et al. Dual effects of isoflavonoids from *Pueraria lobata* roots on estrogenic activity and anti-proliferation of MCF-7 human breast carcinoma cells. *Bioorg Chem.* 2019 Mar;83:135-144.

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

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