

Product Data Sheet

Product Name: (±)Homoeriodictyol

Cat. No.: GC79586

Chemical Properties

Cas. No. 69097-98-9

Formula $C_{16}H_{14}O_6$

M.Wt 302.28

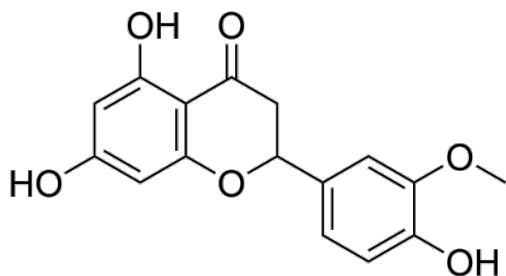
Solubility

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

(±) Homoeriodictyol is a Aromatase/CYP19 inhibitor that can be used in breast cancer research [1].

In Vitro, (±) Homoeriodictyol (compound 5) ($316.2-640 \times 10^3$ nM; 20 min (37 °C)) inhibits aromatase/CYP19 activity in human placental microsomes, with an IC_{50} of 25 μM [1].

References:

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

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[1]. Neves MA, et al. Combining computational and biochemical studies for a rationale on the anti-aromatase activity of natural polyphenols. ChemMedChem. 2007;2(12):1750-1762.

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