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**Product Data Sheet**

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Product Name: Naringenin trimethyl ether

Cat. No.: GC36695

**Chemical Properties**

Cas. No. 38302-15-7

SMILES COC1=C2C(O[C@H](C3=CC=C(OC)C=C3)CC2=O)=CC(OC)=C1Formula C<sub>18</sub>H<sub>18</sub>O<sub>5</sub> M.Wt 314.33

Solubility Soluble in DMSO 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**

Naringenin trimethyl ether is a constituent of twigs and leaves of *Aglaia duperreana*. Naringenin trimethyl exhibits significant molluscicidal activity, with a LC<sub>50</sub> of 3.9 µg/ mL for *P. canaliculata*[1]. LC<sub>50</sub>: 3.9 µg/ mL (*P. canaliculata*)[1]

[1]. Zhang H, et al. Molluscicidal activity of *Aglaia duperreana* and the constituents of its twigs and leaves. *Fitoterapia*. 2012 Sep;83(6):1081-6.

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

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