
Product Data Sheet

Product Name: Isopropylidenylacetyl-marmesin

Cat. No.: GC36337

Chemical Properties

Cas. No. 35178-20-2

SMILES C/C(C)=C\C(OC(C)(C(O1)CC2=C1C=C(O3)C(C=CC3=O)=C2)C)=OFormula C₁₉H₂₀O₅ M.Wt 328.36

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**

Isopropylidenylacetyl-marmesin ((±)-Prantschimgin) is a coumarin isolated from the roots of *F. bracteata*[1].

[1]. Karakaya S, et al. The α -amylase and α -glucosidase inhibitory activities of the dichloromethane extracts and constituents of *Ferulago bracteata* roots. *Pharm Biol.* 2018 Dec;56(1):18-24.

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

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