
Product Data Sheet

Product Name: Tsugaric acid A

Cat. No.: GC39012

Chemical Properties

Cas. No. 174391-64-1

SMILES C[C@]12C3=C(CC[C@@]1([C@]([C@H](C(O)=O)CC/C=C(C)/C)([H])CC2)C)[C@@]4([C@@](C(C)([C@H](OC(C)=O)CC4)C)([H])CC3)C

Formula C₃₂H₅₀O₄

M.Wt 498.74

Solubility DMSO : 10 mg/mL (20.05 mM; ultrasonic and warming and heat to 60°C)

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**

Tsugaric acid A can significantly inhibit superoxide anion formation. Tsugaric acid A also protects human keratinocytes against damage induced by ultraviolet B (UV B) light. Tsugaric acid A can protect keratinocytes from photodamage.

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

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