

Product Data Sheet

Product Name: Sodium (±)-10-Camphorsulfonate

Cat. No.: GD21001

Chemical Properties

Cas. No. 34850-66-3

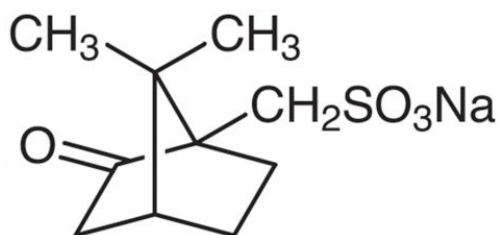
Formula $C_{10}H_{15}NaO_4S$ M.Wt 254.28

Solubility Storage -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



relative

Background

Camphorsulfonate sodium is an organic synthesis intermediate. Camphorsulfonate sodium can be used for synthesis of derivatives with SDH inhibitory activity through scaffold hopping.

Camphorsulfonate sodium is also an organocatalyst that can be used as a pore-forming additive for modulating the porosity of the graphene film. Camphorsulfonate sodium can be used for binder-free porous graphene film and fungicide research^{[1][2][3]}.

References:

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

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[1].Kaur G, et al. Camphorsulfonic acid (CSA): An efficient organocatalyst for the synthesis or derivatization of heterocycles with biologically promising activities[J]. Current Green Chemistry, 2018, 5(3): 150-167.

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