

Product Data Sheet

Product Name: trans-Caffeic aldehyde

Cat. No.: GC79633

Chemical Properties

Cas. No. 141632-15-7

Formula C₉H₈O₃

M.Wt 164.16

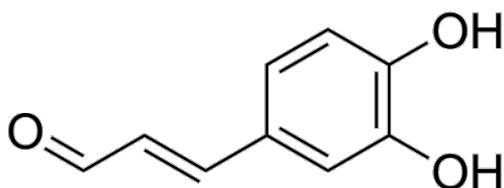
Solubility

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

Trans-Caffeic aldehyde is a type of phenylpropanoid compound, which was discovered in the secondary metabolites of the actinomycete *Acrocarpospora punica*. Trans-Caffeic aldehyde does not exhibit inhibitory activity against NO production in the mouse macrophage (RAW 264.7) model induced by LPS [1].

References:

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

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[1]. Cheng MJ, et al. Antifungal Activities of Compounds Produced by Newly Isolated Acrocarpospora Strains. Antibiotics (Basel). 2023 Jan 5;12(1):95.

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