

Product Data Sheet

Product Name: 3-(3-Hydroxyphenyl)propionic acid

Cat. No.: GC60488

Chemical Properties

Cas. No. 621-54-5

SMILES O=C(O)CCC1=CC=CC(O)=C1

Formula $C_9H_{10}O_3$

M.Wt 166.17

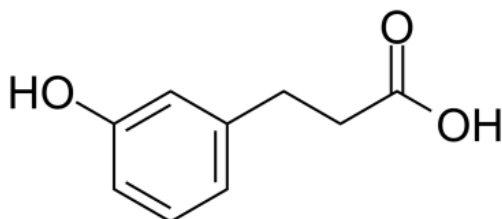
Solubility

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

3-(3-Hydroxyphenyl)propionic acid is a flavonoid metabolite formed by human microflora. 3-(3-Hydroxyphenyl)propionic acid shows vasodilatory activity[1].

[1]. Iveta Najmanová, et al. Flavonoid metabolite 3-(3-hydroxyphenyl)propionic acid formed by human microflora decreases arterial blood pressure in rats. Wiley Online Library. Volume 60, Issue 5.

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

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May 2016.

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