

Product Data Sheet

Product Name: δ -Decalactone

Cat. No.: GC63652

Chemical Properties

Cas. No. 705-86-2

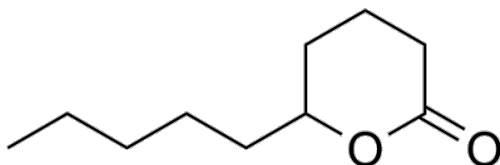
Formula $C_{10}H_{18}O_2$ M.Wt 170.25

Solubility DMSO : 100 mg/mL (587.37 mM; Need ultrasonic) 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

δ -Decalactone is a lactone compound found in nonfat dry milks and fruit. δ -Decalactone has a sweet taste[1][2].

[1]. Y Karag l-Y ceer, et al. Aroma-active components of nonfat dry milk. J Agric Food Chem. 2001 Jun;49(6):2948-53.

[2]. Hirotooshi Tamura, et al. Authenticity assessment of gamma- and delta-decalactone from prunus fruits by gas chromatography combustion/pyrolysis isotope ratio mass spectrometry (GC-C/P-IRMS).

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

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J Agric Food Chem. 2005 Jun 29;53(13):5397-401.

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