

Product Data Sheet

Product Name: (R)-(+)-1,1'-Binaphthyl-2,2'-diamine

Cat. No.: GD20616

Chemical Properties

Cas. No. 18741-85-0

Formula $C_{20}H_{16}N_2$

M.Wt 284.35

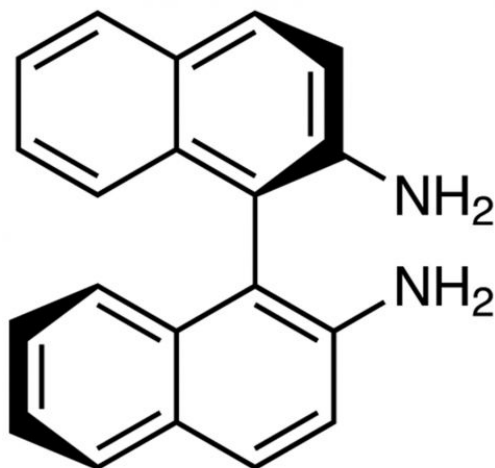
Solubility

Storage 2-8°C, protect from light, stored under nitrogen

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

(R)-[1,1'-Binaphthalene]-2,2'-diamine is the isomer of (S)-[1,1'-Binaphthalene]-2,2'-diamine, and can

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

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be used as an experimental control. (S)-[1,1'-Binaphthalene]-2,2'-diamine is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

[1]. Singh AV, et al. PR-924, a selective inhibitor of the immunoproteasome subunit LMP-7, blocks multiple myeloma cell growth both in vitro and in vivo. Br J Haematol. 2011 Jan;152(2):155-63.

[2]. Parlati F, et al. Carfilzomib can induce tumor cell death through selective inhibition of the chymotrypsin-like activity of the proteasome. Blood. 2009 Oct 15;114(16):3439-47.

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