

Product Data Sheet

Product Name: DL-Dopa
Cat. No.: GC30707

Chemical Properties

Cas. No. 63-84-3

SMILES NC(CC1=CC=C(O)C(O)=C1)C(O)=O

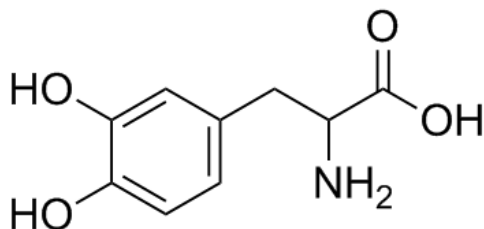
Formula $C_9H_{11}NO_4$ M.Wt 197.19

Solubility H_2O : 62.5 mg/mL (316.95 mM);
ultrasonic and warming and adjust
pH to 2 with HCl and heat to 80°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

DL-Dopa is a beta-hydroxylated derivative of phenylalanine.

[1]. Yen HC, et al. Effects of various drugs on 3,4-dihydroxyphenylalanine (DL-DOPA)-induced excitation (aggressive behavior) in mice. Toxicol Appl Pharmacol. 1970 Nov;17(3):597-604.

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

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