
Product Data Sheet

Product Name: (S)-2-Amino-3-(4-hydroxy-3,5-diiodophenyl)propanoic acid dihydrate
Cat. No.: GC62748

Chemical Properties

Cas. No. 18835-59-1

Formula $C_9H_{13}I_2NO_5$ M.Wt 469.01

Solubility DMSO : 100 mg/mL (213.22 mM; Need ultrasonic) Storage

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

3,5-Diiodotyrosine Dihydrate (Iodogorgoic acid, apothylin, jodgorgon) is a product from the iodination of monoiodotyrosine. In the biosynthesis of thyroid hormones, diiodotyrosine residues are coupled with other monoiodotyrosine or diiodotyrosine residues to form T4 or T3 thyroid hormones.

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

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