
Product Data Sheet

Product Name: Argininic acid

Cat. No.: GC30675

Chemical Properties

Cas. No. 157-07-3

SMILES O=C(O)[C@@H](O)CCCNC(N)=NFormula $C_6H_{13}N_3O_3$ M.Wt 175.19

Solubility Soluble in DMSO 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**

Argininic acid is an α -amino acid that is used in the biosynthesis of proteins.

Argininic acid (Arginine) contains an α -amino group, an α -carboxylic acid group, and a side chain consisting of a 3-carbon aliphatic straight chain ending in a guanidino group. In humans, arginine is classified as a semiessential or conditionally essential amino acid, depending on the developmental stage and health status of the individual.

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

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