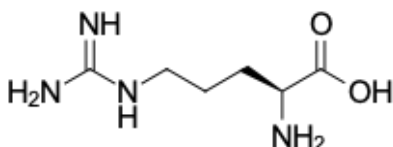

L-Arginine

<http://www.lumiprobe.com/p/l-arginine>

L-Arginine, or 2-amino-5-guanidinopentanoic acid, stimulates the pituitary gland in the body, increasing the secretion of somatotrophic hormone, blocking the action of somatostatin. Arginine is a precursor of endogenous nitric oxide, which is synthesized by vascular endothelial cells.

The product is used primarily as a control for MS/MS.



Structure of L-Arginine

General properties

Appearance: white solid

Molecular weight: 174.20

CAS number: 74-79-3

Molecular formula: C₆H₁₄N₄O₂

Solubility: in water

Quality control: NMR ¹H and HPLC-MS (95+%)

Storage conditions: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Desiccate.

Legal statement: This Product is offered and sold for research purposes only. It has not been tested for safety and efficacy in food, drug, medical device, cosmetic, commercial or any other use. Supply does not express or imply authorization to use for any other purpose, including, without limitation, in vitro diagnostic purposes, in the manufacture of food or pharmaceutical products, in medical devices or in cosmetic products.