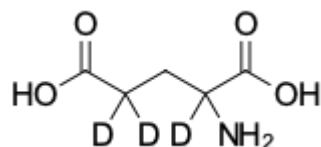


D,L-Glutamic acid-d3

<http://cn.lumiprobe.com/p/dl-glutamic-acid-d3>

Glutamic acid together with its γ -monoamide – glutamine – makes up about a third of all free amino acids in blood plasma, its content in body proteins is 20-25 %. In the blood, glutamic acid maintains pH balance, binds excess ammonia, turning into glutamine, transports it to the site of detoxification, and serves as a reserve of amino groups. Glutamic acid acts as an excitatory neurotransmitter and agonist of all subtypes of glutamate receptors (metabotropic, kainate, NMDA and AMPA), and is also a precursor of gamma-aminobutyric acid (GABA). Glutamic acid has an immunomodulatory effect and affects many metabolic processes.



外观: 白色固体

分子量: 150.15

CAS 96927-56-9

编号:

分子式: $C_5H_6D_3NO_4$

溶解度:

二甲基亚砜、水

质量控制: NMR 1H 和 HPLC-MS (95+ %, D: 98+ %)

储存条件:

法律声明: 本产品仅供研究目的提供和销售。 本产品并未经过食品、药品、医疗器械、化妆品等领域的安全性和效力测试, 且未经明示或暗示授权用于其他任何用途, 包括但不限于体外诊断、人类或动物用途, 以及商业用途。