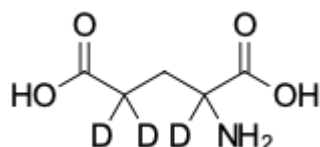


## D,L-Glutamic acid-d3

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

Glutamic acid together with its  $\gamma$ -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: 白色固體

分子量: 150.15

CAS 编号: 96927-56-9

分子式:  $C_5H_6D_3NO_4$

溶解度: 二甲基亞砜、水

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

储存条件:

法律声明: 本產品僅供研究目的提供和銷售。本產品並未經過食品、藥品、醫療器械、化妝品等領域的安全性和效力測試，且未經明示或暗示授權用於其他任何用途，包括但不限於體外診斷、人類或動物用途，以及商業用途。