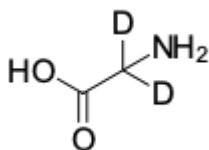


Glycine-d2

<http://hk.lumiprobe.com/p/glycine-d2-4896-75-7>

Glycine-d2 is the deuterium-labeled glycine and is intended for use as an internal standard for the quantification of glycine by GC- or LC-MS.

Glycine is a simple amino acid that is an essential substrate for the synthesis of several biomolecules such as creatine, purines, porphyrins, and glutathione (GSH). Glycine is an inhibitory neurotransmitter in the brainstem and spinal cord. It acts as a co-agonist of glutamate at NMDA (N-methyl-D-aspartate) receptors, playing a role in excitatory neurotransmission as well. Glycine is metabolized by the liver into ammonia and glyoxylic acid. Glycine metabolized to ammonia can lead to hyperammonemic encephalopathy.



外观:

分子量: 77.08

CAS 编号: 4896-75-7

分子式: $C_2H_3D_2NO_2$

溶解度:

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。