

## Glycine-d2

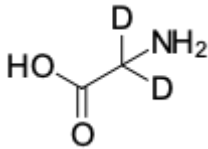
<http://cn.lumiprobe.com/p/glycine-d2-4896-75-7>

Glycine-d2 is the deuterium-labeled glycine and is intended for use as an internal standard for LC-MS.

Glycine concentration is a good marker of nonketotic hyperglycinemia (genetic, inborn error of glycine metabolism). Nonketotic hyperglycinemia leads to glycine accumulation throughout the body due to a mutation in its cleavage enzyme system. A high level of glycine in the blood may also indicate propionic acidemia or methylmalonic acidemia.

Lower circulating glycine levels could be a marker of metabolic disorders associated with obesity, type 2 diabetes (T2DM), and non-alcoholic fatty liver disease (NAFLDs).

Glycine quantification by LC-MS could be performed most efficiently using glycine-d2 standard.



外观:  
分子 77.08  
分子 量:  
CAS 4896-75-7  
编 号:  
分子 C<sub>2</sub>H<sub>3</sub>D<sub>2</sub>NO<sub>2</sub>  
分子 式:  
溶 解 度:  
质 量 控制: NMR <sup>1</sup>H和HPLC-MS (95+&nbsp;%, d: 98+&nbsp;%)  
储 存 条件:  
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