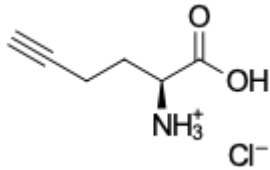


HPG (L-Homopropargylglycine)

<http://cn.lumiprobe.com/p/l-homopropargylglycine-hpg>

L-Homopropargylglycine (HPG) is a noncanonical amino acid analog of methionine that contains a terminal alkyne moiety. HPG-labeling is a fast, sensitive, non-toxic, and non-radioactive alternative to the traditional technique for detecting nascent protein synthesis.

HPG is the cell-permeable compound randomly incorporated into synthesizing protein instead of methionine during translation. The resulting alkyne-labeled full-length proteins can be detected via copper-catalyzed click reaction with [fluorescent](#) or [biotin-labeled](#) azides and used for subsequent microscopic imaging or purification tasks.



外
观:
分子
量: 163.60
CAS 942518-19-6
编
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分子
式: C₆H₁₀ClNO₂
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