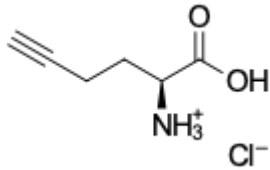


HPG (L-Homopropargylglycine)

<http://hk.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 编号: 942518-19-6

分子式: C₆H₁₀ClNO₂

溶解度:

质量控制:

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。