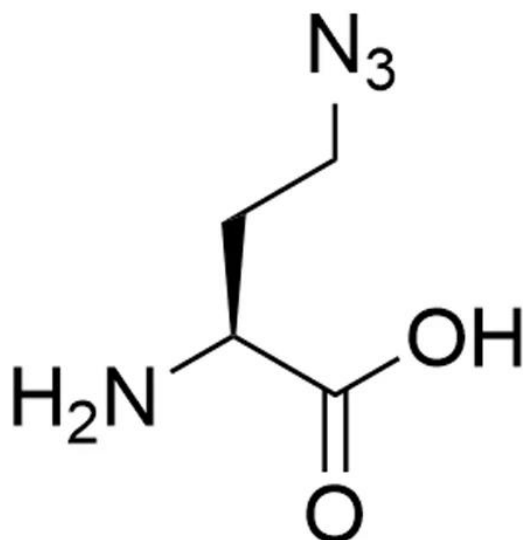




L-AZIDOHOMOALANINE (AHA)

SKU: CCT-1066



DESCRIPTION

L-Azidohomoalanine (AHA) is an amino acid analog of methionine that contains a very small modification, specifically an azido moiety that can be fed to cultured cells and incorporated into proteins during active protein synthesis. Detection utilizes the chemoselective ligation or “click ” reaction between an azide and an alkyne or cyclooctyne. The azido-modified protein is detected with either fluorescent alkyne or biotin alkyne. Detection sensitivity with these reagents in 1-D gels and Western blots is in the low femtomole range and compatible with downstream LC-MSMS and MALDI MS analysis.

SPECIFICATIONS

CAS Number	942518-29-8
Molecular Weight	180.59

For research use only. Not intended for therapeutic or diagnostic use in animals or humans.



Molecular Formula	C ₄ H ₉ CIN ₄ O ₂
Appearance	White crystalline
Chemical Formula	C ₄ H ₉ CIN ₄ O ₂
Purity	>95% (H NMR)
Unit Size	25 mg, 100 mg, 1000 mg, 5 g
Solubility	Water, DMSO, DMF
Storage Instructions	-20°C.
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

SELECTED REFERENCES

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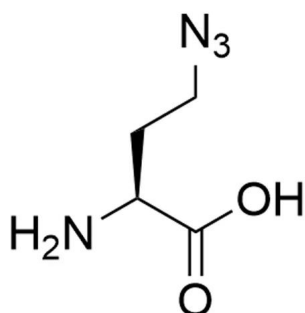
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DOCUMENTS

- [Safety Data Sheet](#)
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GALLERY IMAGES



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