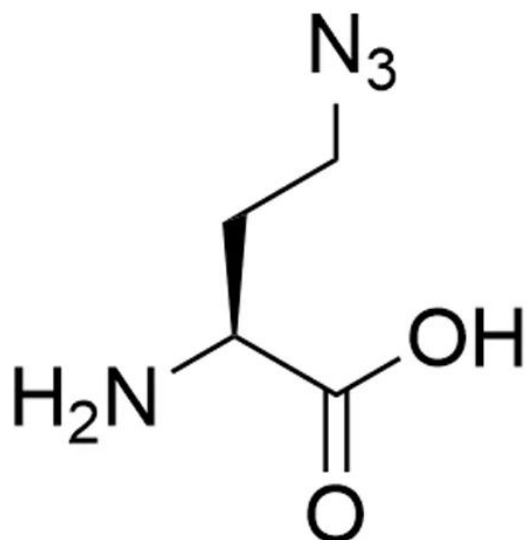




## L-AZIDOHOMOALANINE (AHA)

**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

<b>CAS Number</b>	942518-29-8
<b>Molecular Weight</b>	180.59

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



<b>Molecular Formula</b>	C4H9CIN4O2
<b>Appearance</b>	White crystalline
<b>Chemical Formula</b>	C4H9CIN4O2
<b>Purity</b>	>95% (H NMR)
<b>Unit Size</b>	25 mg, 100 mg, 1000 mg, 5 g
<b>Solubility</b>	Water, DMSO, DMF
<b>Storage Instructions</b>	-20°C.
<b>Shipping Conditions</b>	Ambient temperature
<b>Shipping Instructions</b>	Ambient temperature

## SELECTED REFERENCES

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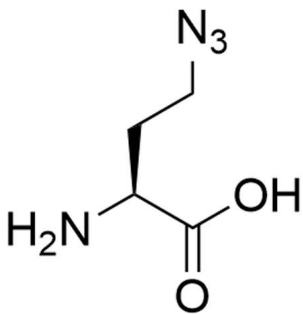
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## DOCUMENTS

- [Safety Data Sheet](#)
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## GALLERY IMAGES



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