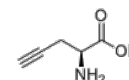


Product Name : L-Propargylglycine
Cat. No. : PC-72155
CAS No. : 198774-27-5
Molecular Formula : C₅H₇NO₂
Molecular Weight : 113.116
Target : Other Targets
Solubility :



Biological Activity

L-Propargylglycine (L-PAG) is the most commonly used, covalently irreversible inhibitor of cystathionine γ -lyase (CSE).

L-Propargylglycine (L-PAG) is also reported to suppress the activity of other B6 enzymes, i.e. aspartate aminotransferase and alanine aminotransferase.

L-Propargylglycine (L-PAG) dose-dependently inhibits endogenous CSE activity and decreases the H₂S content in Raw264.7 macrophages with IC₅₀ of 370 μ M.

References

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Collin M, et al. Br J Pharmacol. 2005 Oct;146(4):498-505.

Bhatia M, et al. Br J Pharmacol. 2005 May;145(2):141-4.

Tamizhselvi R, et al. J Cell Mol Med. 2007 Mar-Apr;11(2):315-26.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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