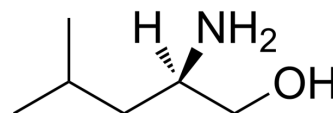


D-Leucinol

Cat. No.:	HY-W012888
CAS No.:	53448-09-2
Molecular Formula:	C ₆ H ₁₅ NO
Molecular Weight:	117.19
Target:	Others
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



BIOLOGICAL ACTIVITY

Description

D-Leucinol is the isomer of L-Leucinol (HY-W015876), and can be used as an experimental control. L-Leucinol ((+)-Leucinol) is a competitive aminopeptidase inhibitor with K_i value of 17 μM^[1].

REFERENCES

[1]. Bienvenue DL, et al. Inhibition of the aminopeptidase from *Aeromonas proteolytica* by L-leucinethiol: kinetic and spectroscopic characterization of a slow, tight-binding inhibitor-enzyme complex. *J Inorg Biochem.* 2000 Jan 15;78(1):43-54.

Caution: Product has not been fully validated for medical applications. For research use only.

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