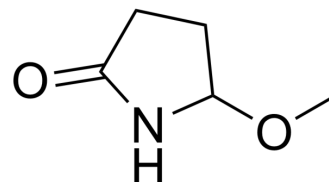


Pterolactam

Cat. No.:	HY-N1567
CAS No.:	38072-88-7
Molecular Formula:	C ₅ H ₉ NO ₂
Molecular Weight:	115.13
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Pterolactam can be isolated from *Chrysanthemum coronarium* L. Pterolactam derivatives several analogues that Mannich bases of amide with antifungal activities and cytotoxicity^{[1][2]}.

REFERENCES

[1]. Song MC, et al. Heterocyclic compounds from *Chrysanthemum coronarium* L. and their inhibitory activity on hACAT-1, hACAT-2, and LDL-oxidation. Arch Pharm Res. 2008 May;31(5):573-8.

[2]. Dasalu AE, et al. Design, synthesis and antifungal activity of pterolactam-inspired amide Mannich bases. Fitoterapia. 2020 Jun;143:104581.

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

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