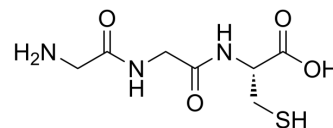


Glycylglycylcysteine

Cat. No.:	HY-P4269
CAS No.:	95416-30-1
Molecular Formula:	C ₇ H ₁₃ N ₃ O ₄ S
Molecular Weight:	235.26
Sequence:	H-Gly-Gly-Cys-OH
Sequence Shortening:	GGK
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Glycylglycylcysteine is a Thrombin Activatable Fibrinolysis Inhibitor (TAFI) inhibitor with a K _i of 0.99 μM and a IC ₅₀ of 9.4 μM in TAFI substrate assays. TAFI is a basic carboxypeptidase that functions as a fibrinolysis inhibitor through the cleavage of C-terminal lysine on partially degraded fibrin ^[1] .
IC ₅₀ & Target	IC ₅₀ : 9.4 μM (TAFI) K _i : 0.99 μM (TAFI) ^[1]

REFERENCES

[1]. Do YH, et al. Inhibition of thrombin activatable fibrinolysis inhibitor by cysteine derivatives. Thromb Res. 2005;116(3):265-71.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA