

Acetyl-Hirudin (54-65) (sulfated)

Cat. No.:	HY-P2490
CAS No.:	125441-00-1
Molecular Formula:	C ₆₈ H ₉₅ N ₁₃ O ₂₉ S
Molecular Weight:	1590.6
Sequence:	Ac-Gly-Asp-Phe-Glu-Glu-Ile-Pro-Glu-Glu-{Try(SO ₃ H)}-Leu-Gln
Sequence Shortening:	Ac-GDFEEIPEE-{Try(SO ₃ H)}-LQ
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Acetyl-Hirudin (54-65) (sulfated) binds directly to thrombin-rHCII(L444R) and disrupts interactions between the N-terminal acidic domain of rHCII and anion-binding exosite I of thrombin that serves to stabilize the complex^[1].

REFERENCES

[1]. J H Han, et al. Heparin facilitates dissociation of complexes between thrombin and a reactive site mutant (L444R) of heparin cofactor II. J Biol Chem. 1997 Mar 28;272(13):8243-9.

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

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