

TCL1(10-24)

Cat. No.:	HY-P10105
CAS No.:	835655-37-3
Molecular Formula:	C ₈₈ H ₁₂₃ N ₂₃ O ₂₃
Molecular Weight:	1871.06
Sequence:	Ala-Val-Thr-Asp-His-Pro-Asp-Arg-Leu-Trp-Ala-Trp-Glu-Lys-Phe
Sequence Shortening:	AVTDHPDRLWAWKEF
Target:	Akt; Apoptosis
Pathway:	PI3K/Akt/mTOR; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

TCL1(10-24) is encompassing the betaA strand of human TCL1. TCL1(10-24) is a Akt inhibitor. TCL1(10-24) interacts with the Akt PH domain prevented phosphoinositide binding and hence inhibits membrane translocation and activation of Akt. TCL1(10-24) inhibits cellular proliferation and anti-apoptosis. TCL1(10-24) has tumor growth in vivo^[1].

REFERENCES

[1]. Makoto Hironura, et al. Inhibition of Akt kinase activity by a peptide spanning the betaA strand of the proto-oncogene TCL1. J Biol Chem. 2004 Dec 17;279(51):53407-18.

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