

FAM-DEALA-Hyp-YIPMDDDFQLRSF-NH2

Cat. No.:	HY-P5915
Molecular Formula:	C ₁₂₂ H ₁₅₈ N ₂₄ O ₃₉ S
Molecular Weight:	2616.76
Sequence:	{FAM}-Asp-Glu-Ala-Leu-Ala-{Hyp}-Tyr-Ile-Pro-Met-Asp-Asp-Asp-Phe-Gln-Leu-Arg-Ser-Phe-NH2
Sequence Shortening:	{FAM}-DEALA-{Hyp}-YIPMDDDFQLRSF-NH2
Target:	HIF/HIF Prolyl-Hydroxylase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

FAM-DEALA-Hyp-YIPMDDDFQLRSF-NH2, a 5-FAM labeled HIF-1 α peptide, is a substrate of VHL. FAM-DEALA-Hyp-YIPMDDDFQLRSF-NH2 binds to VHL protein with a K_D of 3 nM. Ex/Em (λ) = 485/520 nm^[1].

REFERENCES

[1]. Dennis L Buckley, et al. Targeting the von Hippel-Lindau E3 ubiquitin ligase using small molecules to disrupt the VHL/HIF-1 α interaction. J Am Chem Soc. 2012 Mar 14;134(10):4465-8.

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