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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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E6AP-mimicking peptide

Cat. No.:	HY-P10428
Molecular Formula:	C ₁₂₈ H ₁₉₃ N ₃₁ O ₂₉
Molecular Weight:	2630.09
Sequence:	{9-fluorenyl acetamido}-Ile-Pro-Gln-Ser-Ala-Glu-Leu-Thr-Leu-Gln-Glu-Leu-{Dha}-Arg-Arg-Lys-Lys-Lys(1-anthracenyl acetamido)-NH ₂
Sequence Shortening:	{9-fluorenyl acetamido}-IPQSAELTLQELL-{Dha}-RRKK-{Lys(1-anthracenyl acetamido)}-NH ₂
Target:	HPV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

E6AP-mimicking peptide (compound 13) is a high-affinity, selective, irreversible and potent peptide-based covalent HPV16 E6 inhibitor targeting the 16E6 oncoprotein using a cysteine-reactive acrylamide warhead. E6AP-mimicking peptide has a K_i of 17 nM. E6AP-mimicking peptide targets all residues appearing in the binding pocket of E6 to disrupt the binding interface of 16E6 and E6AP. E6AP-mimicking peptide selectively binds and crosslinks to MBP-16E6 in PBS or a protein mixture^[1].

REFERENCES

[1]. Xiyun Ye, et al. Discovery of reactive peptide inhibitors of human papillomavirus oncoprotein E6. Chem Sci. 2023 Oct 25;14(44):12484-12497.

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

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