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Produktinformation



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Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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WL 47 dimer

Cat. No.:	HY-P10332
Molecular Formula:	C ₈₀ H ₁₃₀ N ₂₄ O ₁₈ S ₄
Molecular Weight:	1844.3
Sequence:	Chain1: Cys-Ser-Trp-Met-Arg-Leu-Lys Chain2: Cys-Ser-Trp-Met-Arg-Leu-Lys (Disulfide bridge: Chain1 Cys1-Chain2 Cys1)
Sequence Shortening:	Chain1: CSWMRLK Chain2: CSWMRLK (Disulfide bridge: Chain1 Cys1-Chain2 Cys1)
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

WL 47 dimer (ligand 1) is a caveolin-1 (CAV-1) ligand with high affinity, selectivity and oligomer dissociation activity. WL 47 dimer simultaneously occupies two binding sites of CAV-1, inducing the dissociation of oligomers. WL 47 dimer has 7500-fold improved affinity compared to its T20 parent ligand and an 80% decrease in sequence length. WL 47 dimer can be used to permit targeted study of CAV-1 function^[1].

REFERENCES

[1]. Gilliam A J H, et al. Affinity-guided design of caveolin-1 ligands for deoligomerization[J]. Journal of medicinal chemistry, 2016, 59(8): 4019-4025.

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

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