

gH625

Cat. No.:	HY-P10153
CAS No.:	1360823-60-4
Molecular Formula:	C ₁₀₆ H ₁₆₁ N ₃₃ O ₂₅
Molecular Weight:	2297.62
Sequence:	His-Gly-Leu-Ala-Ser-Thr-Leu-Thr-Arg-Trp-Ala-His-Tyr-Asn-Ala-Leu-Ile-Arg-Ala-Phe-NH 2
Sequence Shortening:	HGLASTLTRWAHYNALIRAF-NH2
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

gH625 is a cell-penetrating viral peptide which is a part of glycoprotein H of Herpes simplex virus type I. gH625 is able to cross the cell membrane and to transport many conjugated cargoes into the cytosol. gH625 is permeable to the blood-brain barrier (BBB) and can enter the rat brain in vivo without toxic effects. gH625 can be used for siRNA delivery research^[1].

REFERENCES

[1]. Singh T, et al. Versatility of cell-penetrating peptides for intracellular delivery of siRNA. Drug Deliv. 2018 Nov;25(1):1996-2006.

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

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