K-(D-1-Nal)-FwLL-NH2

Cat. No.:	HY-P1432
CAS No.:	1394288-22-2
Molecular Formula:	$C_{51}H_{67}N_9O_6$
Molecular Weight:	902.13
Sequence:	Lys-{Nal}-Phe-Trp-Leu-Leu-NH2
Sequence Shortening:	K{Nal}FWLL-NH2
Target:	GHSR
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	K-(D-1-Nal)-FwLL-NH2 is a high affinity, potent and inverse ghrelin receptor agonist (EC_{50}=3.4 nM, K_i=4.9 nM). K-(D-1-Nal)-FwLL-NH2 can be used for the research of obesity[1].
IC_{50} & Target	EC50: 3.4 nM (ghrelin receptor), Ki: 4.9 nM (ghrelin receptor)[1]

REFERENCES

[1]. Els S, et al. An aromatic region to induce a switch between agonism and inverse agonism at the ghrelin receptor. J Med Chem. 2012;55(17):7437-7449.

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

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