

## BigLEN(rat)

Cat. No.:	HY-P2155
CAS No.:	369377-66-2
Molecular Formula:	$C_{76}H_{128}N_{24}O_{23}$
Molecular Weight:	1745.98
Sequence:	Leu-Glu-Asn-Ser-Ser-Pro-Gln-Ala-Pro-Ala-Arg-Arg-Leu-Leu-Pro-Pro
Sequence Shortening:	LENSSPQAPARRLLPP
Target:	GPR171
Pathway:	GPCR/G Protein
Storage:	Sealed storage, away from moisture and light, under nitrogen
	Powder      -80°C      2 years
	-20°C      1 year
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)

### BIOLOGICAL ACTIVITY

Description	BigLEN(rat) is a potent GPR171 agonist with an EC <sub>50</sub> of 1.6 nM <sup>[1]</sup> .
IC <sub>50</sub> & Target	EC <sub>50</sub> : 1.6 nM (GPR171) <sup>[1]</sup>

### REFERENCES

[1]. Gomes I, et al. GPR171 is a hypothalamic G protein-coupled receptor for BigLEN, a neuropeptide involved in feeding. Proc Natl Acad Sci U S A. 2013;110(40):16211-16216

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

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