

Pegsebrenatide

Cat. No.:	HY-P10019
CAS No.:	2243292-26-2
Molecular Formula:	$C_{206}H_{318}N_{54}O_{69}S_2(C_2H_4O)_m+2n; m \approx_{10}; n \approx_{20}$
Target:	GCGR
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Pegsebrenatide

BIOLOGICAL ACTIVITY

Description

Pegsebrenatide (NLY01) is a long-acting GLP-1R agonist. Pegsebrenatide has an extended half-life and favorable blood-brain barrier penetration. Pegsebrenatide can block A1 astrocyte transformation, reducing dopaminergic cell death, and improving motor symptoms in mouse models of PD^[1].

REFERENCES

[1]. Jacob K Sterling, et al. GLP-1 Receptor Agonist NLY01 Reduces Retinal Inflammation and Neuron Death Secondary to Ocular Hypertension. Cell Rep. 2020, 33, 5.

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

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