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Data Sheet

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Product Name	:	Brenipatide
Cat. No.	:	PC-28508
CAS No.	:	2408921-49-1
Molecular Formula	:	$C_{228}H_{354}N_{46}O_{72}$
Molecular Weight	:	4891.52
Target	:	Glucagon Receptor
Solubility	:	10 mM in DMSO

Brenipatide (LY-3537031)

{d-Tyr}-{Aib}-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Ile-{Leu(aMe)}-Leu-Asp-{Lys(AEEA-AEEA-ÃGlu-C20 diacid)}-Ala-Gln-{Aib}-Glu-Phe-Ile-Glu-{Tyr(al
Leu-Ile-Ala-Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Pro-Ser-NH2

CAS: 2408921-49-1

Biological Activity

Brenipatide (LY-3537031) is a potent, dual-agonist of glucagon-like peptide-1 (GLP-1) and glucose-dependent insulinotropic polypeptide (GIP) receptors, targets central nervous system and inflammatory pathways that include receptors linked to reward and addiction in the brain.

References

Neumann J, et al. Pharmaceutics. 2026 Apr 06;18(4):447.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com