Cholecystokinin-33 free acid

Cat. No.:	HY-P2932A
Molecular Formula:	$C_{167}H_{262}N_{50}O_{53}S_4$
Molecular Weight:	3946.43
Sequence:	Lys-Ala-Pro-Ser-Gly-Arg-Met-Ser-Ile-Val-Lys-Asn-Leu-Gln-Asn-Leu-Asp-Pro-Ser-His-Arg-Ile-Ser-Asp-Arg-Asp-{Tyr(SO3H)}-Met-Gly-Trp-Met-Asp-Phe
Sequence Shortening:	KAPSGRMSIVKNLQNLDPSHRISDRD-{Tyr(SO3H)}-MGWMDF
Target:	Others
Pathway:	Others
Storage:	Sealed storage, away from moisture and light 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)

BIOLOGICAL ACTIVITY

Description	Cholecystokinin-33 free acid is an analogue of Cholecystokinin (HY-P2932). C-terminal amidation is important for binding of Cholecystokinin to its receptors, and removing the amide group would decrease Cholecystokinin activity. Cholecystokinin-33 free acid can be used to study C-terminal amidation of Cholecystokinin-33[1].

REFERENCES

[1]. Chandra, Rashmi, and Liddle, Rodger A. Regulation of Pancreatic Secretion. Pancreapedia: Exocrine Pancreas Knowledge Base. 2020.

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