

[Thr28, Nle31]-Cholecystokinin (25-33), sulfated

Cat. No.:	HY-P5519
CAS No.:	77568-41-3
Molecular Formula:	C ₅₅ H ₇₄ N ₁₄ O ₁₈ S
Molecular Weight:	1251.32
Sequence:	Arg-Asp-{Tyr(SO3H)}-Thr-Gly-Trp-{Nle}-Asp-Phe-NH2
Sequence Shortening:	RD-{Tyr(SO3H)}-TGW-{Nle}-DF-NH2
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

[Thr28, Nle31]-Cholecystokinin (25-33) is a biological active peptide. (Cholecystokinin (CCK) acts both as a hormone and a neurotransmitter and is found in the GI system and the central nervous system. It is a satiety peptide that inhibits food intake. This Cholecystokinin (CCK) analog retains all the bioactivities of CCK8, but was found to be remarkably more stable in acidic media and unaffected by air oxidation due to Met replacements (Thr 28 and Nle31 were substituted for Methionine). The predominant conformation contains a gamma-turn centered on Thr4, separated by Gly5 from a helical segment that comprises the C-terminal residues.)

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

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