

Product: Sincalide
Catalog #: 12-4240
Amount: 500 µg

DESCRIPTION:

Sincalide also called CCK-8 has a molecular formula of $C_{49}H_{62}N_{10}O_{16}S_3$, H-Asp-Tyr(SO₃H)-Met-Gly-Trp-Met- Asp- Phe-NH₂ having a Mw of 1143.29

Sincalide corresponds to the C-terminal octapeptide of cholecystokinin (CCK) which acts on receptors within the gallbladder wall causing it to contract.

Cholecystokinin (CCK) is a hormone originally isolated from porcine intestinal mucosa and described as a linear 33-amino acid peptide containing a sulfated tyrosine, which is essential for its biological activity. It has been found in mammals in both the digestive tract and the central nervous system. Among its multiple biological functions, this hormone stimulates pancreatic exocrine secretion, gallbladder contraction, and intestine motility and may also act as a neurotransmitter/neuromodulator in the central nervous system

SOURCE:

Synthetic peptide

PURITY:

> 98%, as determined by:

(a) Analysis by RP-HPLC,

(b) Mass Spectral Analysis {MALDI-TOF exhibits correct Mw}.

FORM:

Purified, in 0.1 % BSA

STORAGE:

-20°C (aliquot), avoid freezing and thawing cycles

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