



Product Data Sheet

Product Name: Caerulein
Catalog Number: AS-24252 (1 mg) **Lot Number:** See label on vial

Sequence: Pyr-Gln-Asp-Tyr(SO₃H)-Thr-Gly-Trp-Met-Asp-Phe-NH₂ (3-letter code)
Pyr-QD-Y(SO₃H)-TGWMDNF-NH₂ (1-letter code)

Molecular Weight: 1353.4

% Peak Area by HPLC: ≥ 95

Appearance: Lyophilized white powder

Peptide Reconstitution: Reconstitute by adding 100 µl 1% NH₄OH to 1 mg Caerulein peptide. Dilute this peptide solution to approximately 1 mg/ml (or more dilute) with a buffer such as PBS or another buffer; aliquot and store at -20°C.

Storage: Caerulein peptide is shipped at ambient temperature. Upon receipt, store lyophilized peptide at -20°C or lower. Reconstituted peptide can be aliquoted and stored at -20°C or lower.

Description: Caerulein, a decapeptide analog of the potent pancreatic secretagogue cholecystokinin, stimulates gastric, biliary, and pancreatic secretion. Caerulein injections cause acute pancreatitis in mice. Ref: Wabnitz, PA. et al. *Rapid Commun. Mass Spectrom.* **13**, 2498 (1999); Loguercio, C. et al. *Digestion* **48**, 128 (1991).

Related Products:

Name	Cat #	Size
[Thr ₂₈ , Ile ₃₁]-Cholecystokinin (25-33), sulfated (RD-Y(SO ₃ H)-TGW-Ile-DF-NH ₂)	AS-22944	1 mg
Cholecystokinin (26-33), CCK Octapeptide, sulfated (D-Y(SO ₃ H)-MGWMDNF-NH ₂)	AS-20741	1 mg
Cholecystokinin (26-33), CCK8 (DYMGMDF-NH ₂)	AS-20739	1 mg

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