

PRODUCT DATA SHEET

Sincalide

Cat. No.: RP1782740005

Size: 5 mg

Source: Synthetic protein

Type: Synthetic protein

Species: Human

Other Names:

CCK8

Description:

Sincalide, a synthetic protein, also called CCK-8 has a molecular formula of C₄₉H₆₂N₁₀O₁₆S₃ having an Mw of 1143.29 Dalton.

Amino Acid Sequence:

H-Asp-Tyr(SO₃H) - Met-Gly-Trp-Met-Asp-Phe-NH₂

Purity:

Greater than 99.0% as determined by RP-HPLC.

Formulation:

Sincalide was lyophilized from a concentrated (1 mg/ml) solution with no additives.

Reconstitution:

It is recommended to reconstitute the lyophilized Sincalide in sterile 18MΩ-cm H₂O at a concentration of 0.5mg/ml, which can then be further diluted to other aqueous solutions.

Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

Store the lyophilized protein at -80 °C. Lyophilized protein remains stable until the expiry date when stored at -80 °C. Aliquot reconstituted protein to avoid repeated Lyophilized Sincalide although stable at room temperature for 3 weeks, should be stored below -18°C. Upon reconstitution CCK-8 should be stored at 4°C between 2-7 days and for future use below -18°C. Avoid freezing/thawing cycles and store at -80 °C for long term storage. Reconstituted protein can be stored at 4 °C for a week.

Quality Control:

Greater than 99.0% as determined by RP-HPLC.

Note:

This product is intended for research use only.