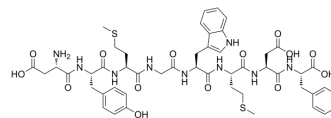


Cholecystokinin (26-33) (free acid)

| | |
|-----------------------------|---|
| Cat. No.: | HY-P3651 |
| CAS No.: | 103974-46-5 |
| Molecular Formula: | C ₄₉ H ₆₁ N ₉ O ₁₄ S ₂ |
| Molecular Weight: | 1064.19 |
| Sequence Shortening: | DYMGWMDF |
| 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)

SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (93.97 mM; Need ultrasonic)

| Preparing Stock Solutions | Solvent Concentration | Mass | | |
|---------------------------|-----------------------|-----------|-----------|-----------|
| | | 1 mg | 5 mg | 10 mg |
| | 1 mM | 0.9397 mL | 4.6984 mL | 9.3968 mL |
| | 5 mM | 0.1879 mL | 0.9397 mL | 1.8794 mL |
| | 10 mM | 0.0940 mL | 0.4698 mL | 0.9397 mL |

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Cholecystokinin (26-33) (CCK (26-33)) free acid is a cholecystokinin (CCK) fragment. Cholecystokinin (26-33) free acid can reduce food intake and gallbladder contraction^[1].

REFERENCES

[1]. Tachibana T, et, al. Feeding-suppressive mechanism of sulfated cholecystokinin (26-33) in chicks. *Comp Biochem Physiol A Mol Integr Physiol.* 2012 Apr;161(4):372-8.

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

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