PEN(mouse) TFA

Cat. No.: HY-P2183A

Molecular Formula: $C_{104}H_{170}F_3N_{27}O_{36}$

Molecular Weight: 2431.61

Sequence: Ser-Val-Asp-Gln-Asp-Leu-Gly-Pro-Glu-Val-Pro-Pro-Glu-Asn-Val-Leu-Gly-Ala-Leu-Leu-Arg-Val

SVDQDLGPEVPPENVLGALLRV

Sequence Shortening: SVDQDLGPEVPPENVLGALLRV

Target: Others

Pathway: Others

Storage: Sealed storage, away from moisture

Powder -80°C 2 years

-20°C 1 year

* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

SOLVENT & SOLUBILITY

In Vitro

H_2O : 100 mg/mL (41.13 mM; Need ultrasonic)

Preparing Stock Solutions

Solvent / Mass / Concentration	1 mg	5 mg	10 mg
1 mM	0.4113 mL	2.0563 mL	4.1125 mL
5 mM	0.0823 mL	0.4113 mL	0.8225 mL
10 mM	0.0411 mL	0.2056 mL	0.4113 mL

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

BIOLOGICAL ACTIVITY

Description PEN(mouse) TFA (proSAAS(221-242) TFA) is the precursor of a number of peptides that function as neuropeptides[1].

REFERENCES

[1]. Jonathan H Wardman , et al. ProSAAS-derived Peptides Are Colocalized With Neuropeptide Y and Function as Neuropeptides in the Regulation of Food Intake. PLoS One. 2011;6(12):e28152.

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

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