



Product Data Sheet

Product Name: PEP1

Catalog Number: AS-60430-1 (1 mg) **Lot Number:** See label on vial

Sequence: Ser-Gly-Ser-Trp-Leu-Arg-Asp-Val-Trp-Asp-Trp-Ile-Cys-Thr-Val-Leu-Thr-Asp-Phe-Lys-Thr-Trp-Leu-Gln-Ser-Lys-Leu-Asp-Tyr-Lys-Asp-NH2
(3-letter code)
SGSWLRDVVDWICTVLTDFKTWLQSKLDYKD-NH2 (1-letter code)

Molecular Weight: 3806.3

% Peak Area by HPLC: ≥ 95

Appearance: Lyophilized white powder

Peptide Reconstitution: Reconstitute by adding 100 µl 1% NH₄OH to 1 mg PEP1 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: PEP1 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: This synthetic peptide mimics wild-type AH (amphipathic helix) and inhibits membrane association of NS5A, hence impairing HCV replication. Ref: Glenn, JS. et al. *J. Virol.* **77**, 6055 (2003).

Published Citations:

Chan, S. et al. *Phys. Chem. Chem. Phys.* **10**, 3203 (2008).

Related Products:

Name	Cat #	Size
HCV NS3/4A protease, recombinant	AS-61017-5	5 µg
	AS-61017-10	10 µg

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