



Product Data Sheet

Product Name: Atrial Natriuretic Peptide (1 - 28), rat

Catalog Number: AS-20651 (0.5 mg) Lot Number: See label on vial
AS-20652 (1 mg)

Sequence: H-Ser-Leu-Arg-Arg-Ser-Ser-Cys-Phe-Gly-Gly-Arg-Ile-Asp-Arg-Ile-Gly-
Ala-Gln-Ser-Gly-Leu-Gly-Cys-Asn-Ser-Phe-Arg-Tyr-OH
(Disulfide bridge: 7-23) (3-letter code)
SLRRSSCFGGRIDRIGAQSGLGCNSFRY (Disulfide bridge: 7-23)
(1-letter code) (1-letter code)

Molecular Weight: 3062.5

% Peak Area by HPLC: ≥95

Appearance: Lyophilized white powder

Peptide Reconstitution: Use distilled or higher quality water. Add water directly to the lyophilized peptide powder to obtain a final concentration of approximately 0.5 mg/mL to 1mg/mL or less. Gently vortex to mix. For peptides that have poor solubility in the suggested solvent, brief sonication may increase solubility in some cases.

Storage: Peptide is shipped at ambient temperature. Upon receipt, store lyophilized powder at –20°C or lower. Reconstituted peptide should be aliquoted into several freezer vials and stored at –20°C or lower. Do not freeze thaw.

Description: Atrial natriuretic peptide (ANP 1-28, rat) helps regulate blood pressure and sodium/water balance under normal and pathophysiological environment. Ref: De Paolis, P. et al. Annals Clin Lab Sci 37, 135 (2007).

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