



Product Data Sheet

Product Name:	Drosocin	
Catalog Number:	AS-62600 (1 mg)	Lot Number: See label on vial
Sequence:	H-Gly-Lys-Pro-Arg-Pro-Tyr-Ser-Pro-Arg-Pro-Thr-Ser-His-Pro-Arg-Pro-Ile-Arg-Val-OH (3-letter code) GKPRPYSPRPTSHRPIRV (1-letter code)	
Molecular Weight:	2198.6	
Peptide Purity:	>95%	
Appearance:	Lyophilized white powder	

Peptide Reconstitution: Drosocin peptide is freely soluble in water.

Storage: Drosocin 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: Drosocin is a 19-mer cationic antimicrobial peptide from *Drosophila melanogaster*. In *Drosophila* native drosocin carries a disaccharide moiety attached to a threonine residue in mid-chain position. This synthetic drosocin peptide of identical amino acid sequence without the disaccharide has an activity several times lower than the native compound. Ref: Bikker, F. et al. *Chemical Biology & Drug Design* **68**, (2006), Bulet, P. et al. *Eur. J. Biochem.* **238**, 64 (1996). Bulet, P. et al. *J. Biol. Chem.* **268**, 14893 (1993).

Related Products:

Name	Cat #	Size
Apidaecin IB	AS-62044	1 mg
GNNRPVYIPQRRPPHPRL		

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