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391 L M A D I D R G W Y N A A G F F F
421 D I D R G W Y N A A G F F F
451 Q U T W I F F I F F F
481 A T W I F F I F F F
511 Y Y A A G F F F
541 A A G F F F
571 P A G F F F
601 Y F F F
631 C

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Figure 1: Amino Acid Sequence of the Enzyme MMP2.
The sequences selected have been boxed for ease in identification.

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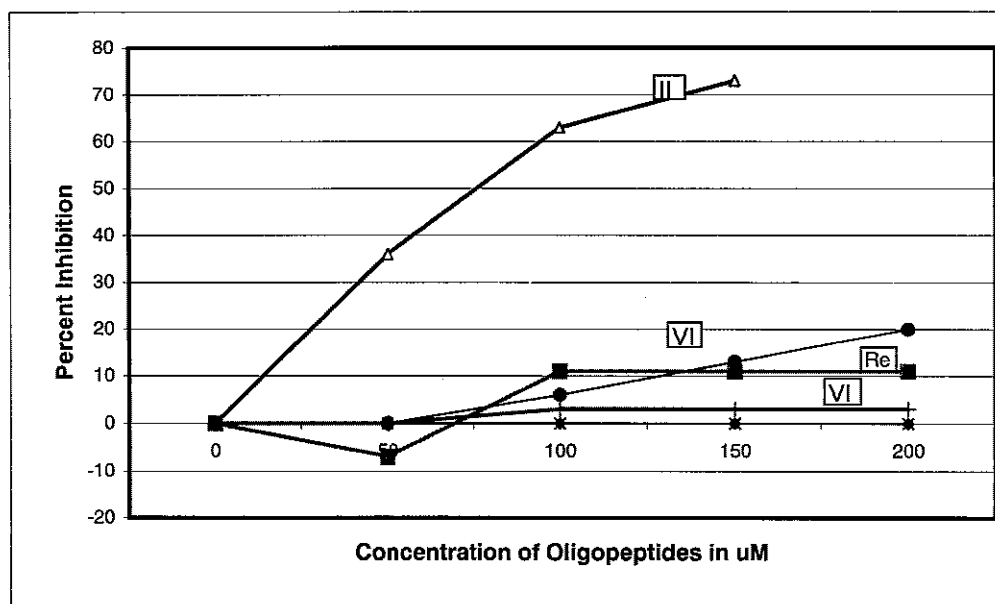


Figure 2: Comparative Inhibitory Activities of Selected Oligopeptides Sequences in MMP2
Selected Sequences: II, PRKPKWDK; III, EDYDRDKKY; IV,GRSDGLM; V, NYDDDRKW;
VII, RYNEVKKKMDP. Ref: TMRKPRCGNPDVAN

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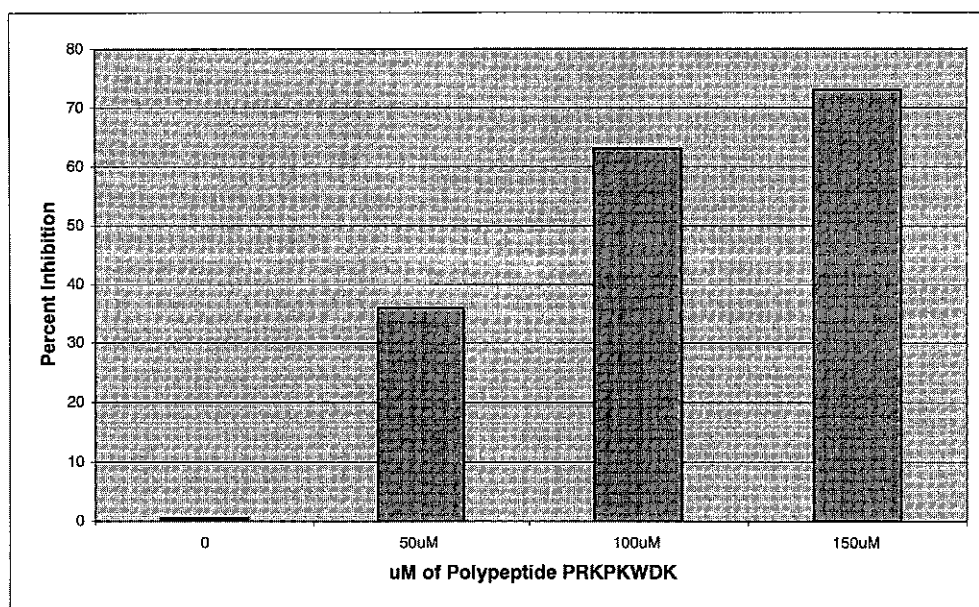


Figure 3: Inhibitory Effect of polypeptide PRKPKWDK on Matrigel Invasion and Migration by Human Melanoma Cells A2058

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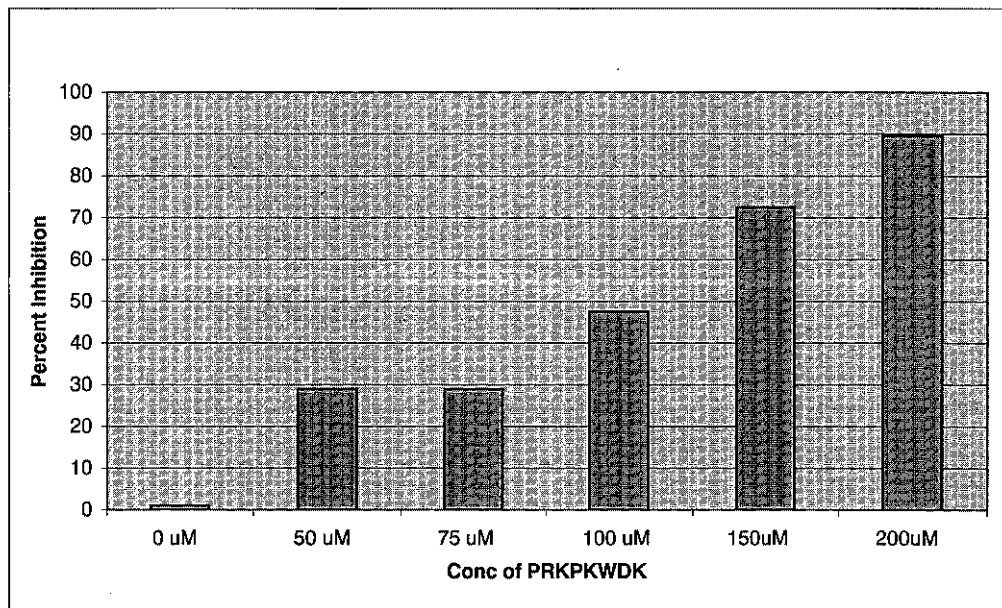


Figure 4: Inhibitory Effect of Oligopeptide PRKPKWDK on Matrigel Invasion and Migration by Human Breast Cancer Cells MCF7