



### Preparing Stock Solutions

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	<b>1mg</b>	<b>5mg</b>	<b>10mg</b>
1 mM	1.7871 mL	8.9354 mL	17.8709 mL
5 mM	0.3574 mL	1.7871 mL	3.5742 mL
10 mM	0.1787 mL	0.8935 mL	1.7871 mL
50 mM	0.0357 mL	0.1787 mL	0.3574 mL

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Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

### Reference

Chen Z, et al. Regulation of endochondral ossification by osteogenic growth peptide C-terminal pentapeptide [OGP(10-14)]. *Protein Pept Lett.* 2009;16(9):1074-1080.

Fazzi R, et al. Bone and bone-marrow interactions: haematological activity of osteoblastic growth peptide (OGP)-derived carboxy-terminal pentapeptide. Mobilizing properties on white blood cells and peripheral blood stem cells in mice. *Leuk Res.* 2002;26(1)

Battolla B, et al. The small peptide OGP(10-14) reduces proliferation and induces differentiation of TPO-primed M07-e cells through RhoA/TGFbeta1/SFK pathway. *Med Sci Monit.* 2011;17(1):SC1-SC5.

Chen YC, et al. Bioactive pseudopeptidic analogues and cyclosteroisomers of osteogenic growth peptide C-terminal pentapeptide, OGP(10-14). *J Med Chem.* 2002;45(8):1624-1632.

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