



### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2453 mL	11.2264 mL	22.4527 mL
5 mM	0.4491 mL	2.2453 mL	4.4905 mL
10 mM	0.2245 mL	1.1226 mL	2.2453 mL
50 mM	0.0449 mL	0.2245 mL	0.4491 mL

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

- Marquis, Robert W.; Lago, Amparo M.; Callahan, James F.; Antagonists of the Calcium Receptor. 2. Amino Alcohol-Based Parathyroid Hormone Secretagogues. *Journal of Medicinal Chemistry* (2009), 52(21), 6599-6605.
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- Davey AE, Leach K, Valant C, Conigrave AD, Sexton PM, Christopoulos A. Positive and negative allosteric modulators promote biased signaling at the calcium-sensing receptor. *Endocrinology*. 2012 Mar;153(3):1232-41. Epub 2011 Dec 30.
- Huang Y, Breitwieser GE. Rescue of calcium-sensing receptor mutants by allosteric modulators reveals a conformational checkpoint in receptor biogenesis. *J Biol Chem*. 2007 Mar 30;282(13):9517-25
- Nakajima S, Hira T, Hara H. Calcium-sensing receptor mediates dietary peptide-induced CCK secretion in enteroendocrine STC-1 cells. *Mol Nutr Food Res*. 2012 May;56(5):753-60.

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