

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2399 mL	11.1997 mL	22.3994 mL
5 mM	0.448 mL	2.2399 mL	4.4799 mL
10 mM	0.224 mL	1.120 mL	2.2399 mL
50 mM	0.0448 mL	0.224 mL	0.448 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

Ahluwalia J, et, al. Phosphodiesterase 4 Inhibitor Therapies for Atopic Dermatitis: Progress and Outlook. *Drugs*. 2017 Sep;77(13):1389-1397.

Mikheil D, Larsen M A, Hsiao K, et al. A bioluminescent and homogeneous assay for monitoring GPCR-mediated cAMP modulation and PDE activity. *Scientific Reports*. 2024, 14(1): 4440.

Soeberdt M, et, al. Small molecule drugs for the treatment of pruritus in patients with atopic dermatitis. *Eur J Pharmacol*. 2020 Aug 15;881:173242.

Hanifin JM, et, al. OPA-15406, a novel, topical, nonsteroidal, selective phosphodiesterase-4 (PDE4) inhibitor, in the treatment of adult and adolescent patients with mild to moderate atopic dermatitis (AD): A phase-II randomized, double-blind, placebo-controlled study. *J Am Acad Dermatol*. 2016 Aug;75(2):297-305.

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