

mCPBG

Chemical Properties

CAS No. : 48144-44-1
Formula: C₈H₁₀ClN₅
Molecular Weight: 211.65
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	mCPBG is a potent high affinity agonist of 5-HT ₃ receptor.
Targets(IC50)	Others,5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7248 mL	23.6239 mL	47.2478 mL
5 mM	0.945 mL	4.7248 mL	9.4496 mL
10 mM	0.4725 mL	2.3624 mL	4.7248 mL
50 mM	0.0945 mL	0.4725 mL	0.945 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

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Amiri Gheshlaghi S, Mohammad Jafari R, Algazo M, Rahimi N, Alshaib H, Dehpour AR. Genistein modulation of seizure: involvement of estrogen and serotonin receptors. *J Nat Med.* 2017 Jul;71(3):537-544. doi: 10.1007/s11418-017-1088-3. Epub 2017 Apr 24. PubMed PMID: 28439683.

Price KL, Hirayama Y, Lummis SCR. Subtle Differences among 5-HT(3)AC, 5-HT(3)AD, and 5-HT(3)AE Receptors Are Revealed by Partial Agonists. *ACS Chem Neurosci.* 2017 May 17;8(5):1085-1091. doi: 10.1021/acchemneuro.6b00416. Epub 2017 Apr 3. PubMed PMID: 28367632.

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