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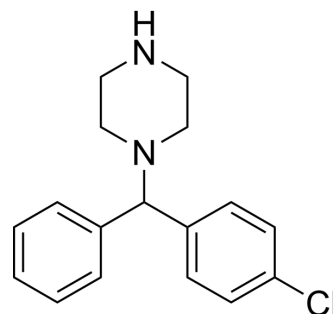
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1-(4-Chlorobenzhydryl)piperazine

Cat. No.:	HY-W001978
CAS No.:	303-26-4
Molecular Formula:	C ₁₇ H ₁₉ ClN ₂
Molecular Weight:	286.8
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (435.84 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		3.4868 mL	17.4338 mL	34.8675 mL
	5 mM		0.6974 mL	3.4868 mL	6.9735 mL
	10 mM		0.3487 mL	1.7434 mL	3.4868 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

1-(4-Chlorobenzhydryl)piperazine is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

In Vitro

1-(4-Chlorobenzhydryl)piperazine is an inactive metabolite of meclizine and chlorcyclizine. It has also been found as an impurity in commercial preparations of hydroxyzine and cetirizine. 1-(4-Chlorobenzhydryl)piperazine has been used in the synthesis of voltage-gated sodium channel 1.7 (Nav1.7) inhibitors, anticancer agents, and antihistamines. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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Caution: Product has not been fully validated for medical applications. For research use only.

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