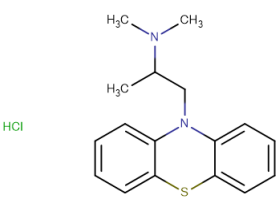


Product Name	: Promethazine hydrochloride	
Synonyms	: Diprazin; Fellozine; Lergigan; Phenergan; Romergan	
Cat No.	: M15142	
CAS Number	: 58-33-3	
Molecular Formula	: C ₁₇ H ₂₀ N ₂ S·HCl	
Formula Weight	: 320.88	
Chemical Name	: —	
Description	Promethazine HCl(NSC-231688) is the first-generation antihistamine; strong antagonist of the H ₁ receptor and moderate mACh receptor antagonist, moderate affinity for 5-HT _{2A} , 5-HT _{2C} , D ₂ and α ₁ -adrenergic receptors.	
Pathway	: Endocrinology/Hormones	
Target	: Adrenergic Receptor	
Receptor	: α-adrenergic receptor; H ₁ receptor	
Solubility	: Ethanol: 34 mg/mL (105.95 mM); Water: 64 mg/mL (199.45 mM); DMSO: 64 mg/mL (199.45 mM)	
SMILES	: Cl.CC(CN(C)C)CC=CC=CC=CSC2=CC=CC=C2	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

1. Smith BN, Armstrong WE. Neuroscience. 1993 Apr;53(3):855-64.