
m-Chlorophenylbiguanide hydrochloride

产品编号: D59143

CAS: 2113-05-5

分子式: C₈H₁₁Cl₂N₅

纯度: 99.87%

InChi Key: InChiKey=FOWAIJYHRWFTHR-UHFFFAOYSA-N

Smiles: NC(NC(Nc1cccc(Cl)c1)=N)=N.Cl

外观: 固体粉末

作用通路: GPCR/G Protein; Neuroscience

作用靶点: 5-HT Receptor

溶解性: H₂O:<20 mg/ml(80.61 mM)

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: m-Chlorophenylbiguanide hydrochloride is a 5-HT₃ receptor agonist. m-Chlorophenylbiguanide hydrochloride selectively binds 5-HT₃(K_i: 0.002 μM) over 5-HT_{1A}(K_i: 10 μM) and 5-HT₂(K_i: 10 μM) receptors but also binds to high and low affinity sites on the dopamine transporter(DAT; IC₅₀s: 0.4 and 34.8 μM, respectively, in rat caudate putamen synaptosomal membranes).