
GTS-21 2HCl

产品编号: D51126

CAS: 156223-05-1

分子式: C₁₉H₂₂Cl₂N₂O₂

纯度: ≥98%

InChi: InChi=1S/C₁₉H₂₀N₂O₂.2ClH/c1-22-17-8-7-14(18(12-17)23-2)11-15-5-4-10-21-19(15)16-6-3-9-20-13-16;;/h3,6-9,11-13H,4-5,10H2,1-2H3;2*1H/b15-11+;;

InChi Key: BXKYFUGAAFLYJL-BXGYHSFXSA-N

Smiles: Cl.Cl.COC1C=C(C=CC=1/C=C1\CCCN=C\1C1C=NC=CC=1)OC

外观: 固体粉末

作用通路: 5-HT Receptor

溶解性: Soluble in DMSO, not in water

保存条件: Store in dry, dark place for one year.

产品介绍: GTS-21 2HCl, also known as DMBX-A, is a derivative of the natural product anabaseine that acts as a partial agonist at neural nicotinic acetylcholine receptors. It binds to both the α4β2 and α7 subtypes, but activates only the α7 to any significant extent. Both GTS-21 itself and its demethylated active metabolite 4-OH-GTS-21 display nootropic and neuroprotective effects, and GTS-21 is being investigated for the treatment of Alzheimer's disease, nicotine dependence, and, most significantly, for schizophrenia.