
WHI-P154

产品编号: D51194

CAS: 211555-04-3

分子式: C₁₆H₁₄BrN₃O₃

纯度: ≥98%

InChi: InChI=1S/C₁₆H₁₄BrN₃O₃/c1-22-14-6-10-12(7-15(14)23-2)18-8-19-16(10)20-9-3-4-13(21)11(17)
5-9/h3-8,21H,1-2H3,(H,18,19,20)

InChi Key: CBIAKDAYHRWZCU-UHFFFAOYSA-N

Smiles: COC1C=C2C(NC3=CC(Br)=C(O)C=C3)=NC=NC2=CC=1OC

外观: 固体粉末

作用通路: Apoptosis

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: WHI-P154 is a JAK3 inhibitor with IC₅₀ = 1.8 microM. WHI-P154 displays no activity at JAK1 or JAK2. WHI-P154 also Inhibits STAT1 activation, iNOS expression and NO production in macrophages in vitro . Also inhibits other common kinases including EGFR (IC₅₀ = 4 nM), Src, Abl, VEGFR, MAPK and PI 3-K and induces apoptosis in human glioblastoma cell lines (IC₅₀ = 158 microM).