
CPI-0610

产品编号: D51136

CAS: 1380087-89-7

分子式: C₂₀H₁₆ClN₃O₂

纯度: ≥98%

InChi: InChi=1S/C₂₀H₁₆ClN₃O₂/c1-11-18-14-4-2-3-5-15(14)19(12-6-8-13(21)9-7-12)23-16(10-17(22)25)20(18)26-24-11/h2-9,16H,10H2,1H3,(H2,22,25)/t16-/m0/s1

InChi Key: GCWQUVXWZWCLE-INIZCTEOSA-N

Smiles: CC1=NOC2[C@H](CC(N)=O)N=C(C3C=CC=CC=3C=21)C1C=CC(Cl)=CC=1

外观: 固体粉末

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: CPI-0610, also known as Pelabresib, is a small molecule inhibitor of the Bromodomain and Extra-Terminal (BET) family of proteins, with potential antineoplastic activity. Upon administration, the BET inhibitor CPI-0610 binds to the acetylated lysine recognition motifs on the bromodomain of BET proteins, thereby preventing the interaction between the BET proteins and acetylated histone peptides. This disrupts chromatin remodeling and gene expression. Prevention of the expression of certain growth-promoting genes may lead to an inhibition of tumor cell growth.