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## CPI-637

产品编号: D51247

CAS: 1884712-47-3

分子式: C<sub>22</sub>H<sub>22</sub>N<sub>6</sub>O

纯度: ≥98%

InChi: InChI=1S/C<sub>22</sub>H<sub>22</sub>N<sub>6</sub>O/c1-13-9-20(29)25-18-6-4-5-16(22(18)24-13)14-7-8-19-17(10-14)21(26-28(19)3)15-11-23-27(2)12-15/h4-8,10-13,24H,9H2,1-3H3,(H,25,29)/t13-/m1/s1

InChi Key: BFTKDWYIRJGJCA-CYBMUJFWSA-N

Smiles: C[C@@H]1CC(=O)NC2C=CC=C(C(=N1)C1C=C2C(=NN(C)C2=CC=1)C1C=NN(C)C=1

外观: 固体粉末

作用通路: Epigenetic Reader Domain

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-637 is a potent and selective CBP/ EP300 bromodomain inhibitor. The biochemical potency of CPI-637 translated well into cells (CBP BRET EC<sub>50</sub> = 0.3 μM). CPI-637 demonstrated a >700-fold selectivity over the BET family of bromodomains (BRD4 IC<sub>50</sub> = 11.0 ± 0.6 μM). CPI-637 inhibits MYC expression in AMO-1 cells (EC<sub>50</sub> = 0.60 μM). CBP and EP300 are highly homologous, bromodomain-containing transcription coactivators involved in numerous cellular pathways relevant to oncology.