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## I-BET762 (GSK525762)

产品编号: D50821

CAS: 1260907-17-2

分子式: C<sub>22</sub>H<sub>22</sub>ClN<sub>5</sub>O<sub>2</sub>

纯度: ≥98%

InChi: InChi=1S/C<sub>22</sub>H<sub>22</sub>ClN<sub>5</sub>O<sub>2</sub>/c1-4-24-20(29)12-18-22-27-26-13(2)28(22)19-10-9-16(30-3)11-17(19)  
21(25-18)14-5-7-15(23)8-6-14/h5-11,18H,4,12H<sub>2</sub>,1-3H<sub>3</sub>,(H,24,29)/t18-/m0/s1

InChi Key: AAAQFGUYHFJNHI-SFHVURJKSA-N

Smiles: CC1=NN=C2[C@H](CC(=O)NCC)N=C(C3C=C(C=CC=3N12)OC)C1C=CC(Cl)=CC=1

外观: 固体粉末

作用通路: Epigenetic Reader Domain

溶解性: DMSO up to 50 mM

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

产品介绍: I-BET762 (GSK525762) is a novel, highly potent, selective and cell permeable inhibitor of the bromodomain and extra terminal (BET) family protein BRD4 with an IC<sub>50</sub> of ~35 nM. It suppresses the production of proinflammatory proteins by macrophages and blocks acute inflammation. It is highly selective over other bromodomain-containing proteins. In vivo studies using I-BET762 have demonstrated efficacy in a range of oncology and immunoinflammatory models. I-BET762 is currently in clinical development for oncology indication.