
GN44028

产品编号: D50980

CAS: 1421448-26-1

分子式: C₁₈H₁₅N₃O₂

纯度: ≥98%

InChi: InChI=1S/C₁₈H₁₅N₃O₂/c1-2-4-13-11(3-1)9-14-17(13)20-21-18(14)19-12-5-6-15-16(10-12)23-8-7-22-15/h1-6,10H,7-9H₂, (H₂,19,20,21)

InChi Key: CGZKSZVSWAAUHE-UHFFFAOYSA-N

Smiles: C1C2C(NC3=CC4OCCOC=4C=C3)=NNC=2C2=CC=CC=C21

外观: 固体粉末

作用通路: HIF/HIF Prolyl-Hydroxylase

溶解性: DMSO up to 100 mM; EtOH up to 100 mM

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

产品介绍: GN44028 is potent and selective HIF-1 α inhibitor with IC₅₀ ~14 nM. It inhibits hypoxia-induced HIF-1 α transcriptional activity without suppressing HIF-1 α mRNA expression, HIF-1 α protein accumulation, or HIF-1 α /HIF-1 β heterodimerization in nuclei under the hypoxic conditions. This suggests that GN44028 probably affected the transcriptional pathway induced by the HIF-1 α /HIF-1 β heterodimer.