
GBT-440

产品编号: D51262

CAS: 1446321-46-5

分子式: C₁₉H₁₉N₃O₃

纯度: ≥98%

InChi: InChI=1S/C₁₉H₁₉N₃O₃/c1-13(2)22-16(8-10-21-22)19-14(5-4-9-20-19)12-25-18-7-3-6-17(24)15(18)11-23/h3-11,13,24H,12H₂,1-2H₃

InChi Key: FWCVZAQENIZVMY-UHFFFAOYSA-N

Smiles: CC(C)N1N=CC=C1C1=NC=CC=C1COC1=CC=CC(O)=C1C=O

外观: 固体粉末

作用通路: Others

溶解性: Soluble in DMSO

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

产品介绍: GBT-440, is a hemoglobin S allosteric modulator. GBT440 Inhibits Sickling of Sick Cell Trait Blood Under In Vitro Conditions Mimicking Strenuous Exercise. GBT440 increases haemoglobin oxygen affinity, reduces sickling and prolongs RBC half-life in a murine model of sickle cell disease. GBT440 increases haemoglobin oxygen affinity, reduces sickling and prolongs RBC half-life in a murine model of sickle cell disease.