

产品名称 : GSK-2140944

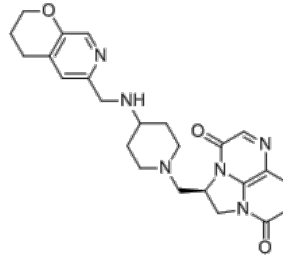
同义词 : Gepotidacin | GSK2140944

产品货号 : M10308

CAS Number : 1075236-89-3

分子式 : C₂₄H₂₈N₆O₃

分子量 : 448.527



化学全名 : (2R)-2-[[4-[[[(3,4-Dihydro-2H-pyrano[2,3-c]pyridin-6-yl)methyl]amino]-1-piperidinyl]methyl]-1,2-dihydro-3H,8H-2a,5,8a-triazaacenaphthylene-3,8-dione

产品描述 : GSK-2140944 (Gepotidacin) is a novel potent, selective bacterial type II topoisomerase inhibitor in development for the treatment of conventional and biothreat pathogens, including Gram-positive pathogens and MRSA; shows antibacterial activity against MSSA and MRSA isolates (MIC₉₀=0.5 ug/ml). Bacterial Infection Phase 2 Clinical.

通路 : GPCR/G Protein

靶点 : Antibacterial

受体 : Antibacterial

溶解度 : DMSO : 7.14 mg/mL 15.92 mM

SMILES : O=C(C=NC(C=C1)=C23)N3[C@H](CN4CCC(NCC(N=C5)=CC6=C5OCCC6)CC4)CN2C1=O

存储条件 : (-20°C)

稳定性 : ≥ 2 years

参考文献 :

1. Bax BD, et al. Nature. 2010 Aug 19;466(7309):935-40. 2. Biedenbach DJ, et al. Antimicrob Agents Chemother. 2016 Jan 4;60(3):1918-23. 3. So W, et al. Antimicrob Agents Chemother. 2015 Aug;59(8):4956-61. 4. Farrell DJ, et al. Antimicrob Agents Chemother. 2017 Feb 23;61(3). pii: e02047-16.

仅限科学研究使用，不得用于人体。