

产品名称 : ALR2-IN-1

同义词 : ——

产品货号 : M36935

CAS Number : 2799695-54-6

分子式 : C₁₆H₁₇N₃O₂S

分子量 : 315.39

化学全名 : ——

产品描述 : ALR2-IN-1 is a potent and selective ALR2 inhibitor (IC₅₀=1.42 μM). ALR2-IN-1 shows antioxidant and antiglycative properties. ALR2-IN-1 can be used in diabetic complication research.

通路 : Endocrinology/Hormones

靶点 : Reductase

受体 : Reductase

溶解度 : In Vitro: ?DMSO 中的溶解度 : 100 mg/mL (317.07 mM; 超声助溶)

SMILES : N(C(NN=CC1=C(O)C=CC(C)=C1)=S)C2=CC(OC)=CC=C2

存储条件 : (-20℃)

稳定性 : ≥ 2 years

参考文献 :

1. Aqeel Imran, et al. Development, Molecular Docking, and In Silico ADME Evaluation of Selective ALR2 Inhibitors for the Treatment of Diabetic Complications via Suppression of the Polyol Pathway. ACS Omega 2022.