
KB-R7943

产品编号: D51059

CAS: 182004-65-5

分子式: C₁₇H₂₁N₃O₆S₂

纯度: ≥98%

InChi: InChI=1S/C16H17N3O3S.CH4O3S/c17-16(18)23-10-9-12-3-7-15(8-4-12)22-11-13-1-5-14(6-2-13)19(20)21;1-5(2,3)4/h1-8H,9-11H2,(H3,17,18);1H3,(H,2,3,4)

InChi Key: WGIKEBHIKKWJLG-UHFFFAOYSA-N

Smiles: CS(O)(=O)=O.NC(=N)SCCC1C=CC(=CC=1)OCC1C=CC(=CC=1)[N+][O-]=O

外观: 固体粉末

作用通路: Autophagy

溶解性: Soluble in DMSO, not in water

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

产品介绍: KB-R7943 is a potent, selective inhibitor of the reverse mode of the Na⁺/Ca²⁺ exchanger (IC₅₀ = 0.7 μM). KB-R7943 does not modify secondary pathology in the thalamus following focal cerebral stroke in rats. KB-R7943 blocks opening of the mitochondrial permeability transition pore. KB-R7943 restores endothelium-dependent relaxation induced by advanced glycosylation end products in rat aorta. KB-R7943 inhibits high glucose-induced endothelial ICAM-1 expression and monocyte-endothelial adhesion.