
KN-62

产品编号: D51199

CAS: 127191-97-3

分子式: C₃₈H₃₅N₅O₆S₂

纯度: ≥98%

InChi: InChI=1S/C₃₈H₃₅N₅O₆S₂/c1-41(50(45,46)36-11-5-7-29-26-39-19-17-33(29)36)35(38(44)43-23-21-42(22-24-43)31-9-3-2-4-10-31)25-28-13-15-32(16-14-28)49-51(47,48)37-12-6-8-30-27-40-20-18-34(30)37/h2-20,26-27,35H,21-25H₂,1H₃/t35-/m0/s1

InChi Key: RJVLFQBBRSMWHX-DHUJRADRSA-N

Smiles: CN([C@@H])(CC1C=CC(=CC=1)OS(=O)(=O)C1=CC=CC2=CN=CC=C12)C(=O)N1CCN(CC1)C1C=CC=CC=1)S(=O)(=O)C1=CC=CC2=CN=CC=C12

外观: 固体粉末

作用通路: Autophagy

溶解性: Soluble in DMSO

保存条件: Powder: -20°C for 3 years ; In solvent: -80°C for 1 year.

产品介绍: KN62 is a P2X₇R antagonist (hP2X₇ IC₅₀ = 51 nM) and Ca²⁺/calmodulin-dependent protein kinase II inhibitor. KN62 inhibits the invasiveness of cancer cells in vitro and in vivo KN62 causes retrograde amnesia in the rat. KN62 attenuates glutamate release by inhibiting voltage-dependent Ca(2+)-channels. The effect of KN62 on Ca(2+)-influx appears to be specific to slowly-or non-inactivating conductances, and therefore presents KN62 as a potentially useful tool.