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## PIK-75 hydrochloride

产品编号: D60807

CAS: 372196-77-5

分子式: C<sub>16</sub>H<sub>14</sub>BrN<sub>5</sub>O<sub>4</sub>S·HCl

纯度: 99%

InChi Key: InChIKey=VOUDEIAYNKZQKM-MYHMQFYSA-N

Smiles: Cc1ccc(cc1S(=O)(=O)N(C)/N=C/c1cnc2ccc(cnc12)Br)[N+](=O)[O-].Cl

外观: 固体粉末

作用通路: Apoptosis

作用靶点: Apoptosis; DNA-PK; PI3K

溶解性: DMSO: 11 mg/mL (22.51 mM; Need ultrasonic) H<sub>2</sub>O: < 0.1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble)

保存条件: -20°C

产品介绍: PIK-75 hydrochloride is a reversible DNA-PK and p110α-selective inhibitor, which inhibits DNA-PK, p110α and p110γ with IC<sub>50</sub>s of 2, 5.8 and 76 nM, respectively. PIK-75 hydrochloride inhibits p110α >200-fold more potently than p110β (IC<sub>50</sub>=1.3 μM). PIK-75 hydrochloride induces apoptosis