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## PIK-75

产品编号: D60395

CAS: 372196-67-3

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

纯度: 98%

InChi Key: InChIKey=QTHCAAFKVUWAFI-DJKKODMXSA-N

Smiles: CN(\N=C\c1cnc2ccc(Br)cn12)S(=O)(=O)c1cc(ccc1C)[N+](O-)=O

外观: 固体粉末

作用通路: Apoptosis

作用靶点: Apoptosis; DNA-PK; PI3K

溶解性: DMSO (warmed with 50°C water bath): 3 mg/mL (6.14 mM)

保存条件: -20°C

产品介绍: PIK-75 is a reversible DNA-PK and p110 $\alpha$ -selective inhibitor, which inhibits DNA-PK, p110 $\alpha$  and p110 $\gamma$  with IC<sub>50</sub>s of 2, 5.8 and 76 nM, respectively. PIK-75 inhibits p110 $\alpha$  >200-fold more potently than p110 $\beta$  (IC<sub>50</sub>=1.3  $\mu$ M). PIK-75 induces apoptosis