

Product Name : SC-66

Synonyms : SC66;SC 66

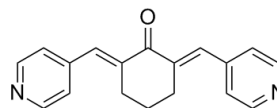
Cat No. : M16333

CAS Number : 871361-88-5

Molecular Formula : C₁₈H₁₆N₂O

Formula Weight : 276.33

Chemical Name : Cyclohexanone, 2,6-bis(4-pyridinylmethylene)-, (2E,6E)-



Description : SC66 is an allosteric Akt inhibitor; exhibits a dual inhibitory activity that directly interferes with the PH domain binding to PIP3 and facilitates Akt ubiquitination; has anticancer activity mouse xenograft tumor model.

Pathway : Cytoskeleton/Cell Adhesion Molecules

Target : Akt

Receptor : Akt

Solubility : DMSO: ≥ 34 mg/mL

SMILES : O=C1C(CCC1=C\C2=CC=NC=C2)=C/C3=CC=NC=C3

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Jo H, et al. Proc Natl Acad Sci U S A. 2011 Apr 19;108(16):6486-91. | 2. Cusimano A, et al. Oncotarget. 2015 Jan 30;6(3):1707-22.