

产品名称 : BI-69A11

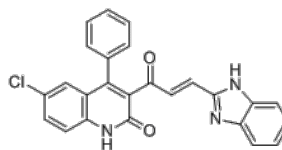
同义词 : BI-69A11 | BI 69A11 | BI69A11

产品货号 : M10923

CAS Number : 1233322-09-2

分子式 : C₂₅H₁₆ClN₃O₂

分子量 : 425.872



化学全名 : (E)-3-(3-(1H-benzo[d]imidazol-2-yl)acryloyl)-6-chloro-4-phenylquinolin-2(1H)-one(E)-3-(3-(1H-benzo[d]imidazol-2-yl)acryloyl)-6-chloro-4-phenylquinolin-2(1H)-one

产品描述 : A potent, selective, ATP competitive AKT inhibitor with IC₅₀ of 2.3 uM for Akt1; displays no activity for other protein kinases including Abl1, p38α, JNK, and PI3K (IC₅₀>100 uM); causes partial inhibition of AKT phosphorylation on S473 on melanoma cells at 3 uM; reduces AKT protein expression and AKT association with HSP-90; caused effective regression of melanoma tumor xenografts.

通路 : Cytoskeleton/Cell Adhesion Molecules

靶点 : Akt

受体 : Akt

溶解度 : ——

SMILES : O=C1NC2=C(C=C(Cl)C=C2)C(C3=CC=CC=C3)=C1C/C=C/C4=NC5=CC=CC=C5N4)=O

存储条件 : (-20℃)

稳定性 : ≥ 2 years

参考文献 :

1. Gaitonde S, et al. Pigment Cell Melanoma Res. 2009 Apr;22(2):187-95. 2. Feng Y, et al. Pigment Cell Melanoma Res. 2013 Jan;26(1):136-42. 3. Pal I, et al. Br J Cancer. 2014 Jul 8;111(1):101-11.

仅限科学研究使用，不得用于人体。