

Product Name : KN-92 phosphate

Synonyms : —

Cat No. : M17153

CAS Number : 1135280-28-2

Molecular Formula : C₂₄H₂₈ClN₂O₇PS

Formula Weight : 554.98

Chemical Name : —

Description : KN-92 is an inactive derivative of KN-93. KN-93 is a selective inhibitor of Ca²⁺/calmodulin-dependent kinase II (CaMKII), competitively blocking CaM binding to the kinase (K_i = 370 nM).

Pathway : Others

Target : Other Targets

Receptor : CaMK

Solubility : H₂O : < 0.1 mg/mL

SMILES : OP(O)(O)=O.COc1ccc(cc1)S(=O)(=O)Nc1ccccc1CN(C)C/C=C/c2ccc(Cl)cc2

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Rokhlin OW, Guseva NV, Taghiyev AF et al. Cancer Biol Ther. 2010 Feb;9(3):224-35.

