

Product Name : PhiKan-083

Synonyms : PK-083

Cat No. : M10244

CAS Number : 1050480-30-2

Molecular Formula : C₁₆H₁₈N₂.HCl

Formula Weight : 274.79

Chemical Name : 1-(9-ethyl-9H-carbazol-3-yl)-N-methylmethanamine hydrochloride

Description : A small-molecule stabilizer of p53 mutant Y220C with K_d of 150 uM; binds with high affinity to a crevice created by the Y220C mutation in p53 and stabilizes the mutant protein.

Pathway : Apoptosis

Target : MDM2-p53

Receptor : MDM2-p53

Solubility : H₂O : 2 mg/mL 7.28 mM

SMILES : CCN1C2=C(C=C(C=C2)CNC)C3=CC=CC=C31.Cl

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Bauer MR, et al. ACS Chem Biol. 2016 Aug 19;11(8):2265-74. | 2. Boeckler FM, et al. Proc Natl Acad Sci U S A. 2008 Jul 29;105(30):10360-5. | 3. Wiman KG. Oncogene. 2010 Jul 29;29(30):4245-52.

