

CD532 hydrochloride

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	CD532 hydrochloride is a potent inhibitor of Aurora A kinase, having an IC50 of 45 nM. It not only blocks the activity of Aurora A kinase but also facilitates the degradation of the protein MYCN. Furthermore, CD532 hydrochloride interacts directly with AURKA, inducing a significant conformational change. Its utility in cancer research has been demonstrated [1][2].
Targets(IC50)	Others,Aurora Kinase

Reference

Gustafson WC, et, al. Drugging MYCN through an allosteric transition in Aurora kinase A. Cancer Cell. 2014 Sep 8;26(3):414-427.

Lee JK, et, al. N-Myc Drives Neuroendocrine Prostate Cancer Initiated from Human Prostate Epithelial Cells. Cancer Cell. 2016 Apr 11;29(4):536-547.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481