

P21d 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	P21d hydrochloride is a potent and selective breast tumor Ki nase (Brk) inhibitor (IC50 = 30 nM). Exhibits >650-fold selectivity for Brk over Aurora B Ki nase and Lck. Downregulates SNAIL protein, restores E-cadherin expression and suppresses migration in breast cancer cells. Also active in vivo and orally bioavailable.
Targets(IC50)	Others

Reference

Zeng et al (2011) Discovery of novel imidazo[1,2-a]pyrazin-8-amines as Brk/PTK6 inhibitors. Bioorg.Med.Chem.Lett 21 5870 PMID: 21855335

Ito et al (2016) PTK6 inhibition suppresses metastases of triple-negative breast cancer via SNAIL-dependent E-cadherin regulation. Cancer Res. 76 4406 PMID: 27302163

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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