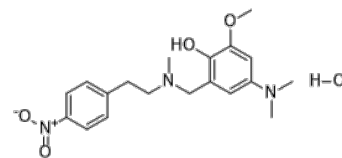


Product Name : BN82002 hydrochloride
Cat. No. : PC-22998
CAS No. : 1049740-43-3
Molecular Formula : $C_{19}H_{26}ClN_3O_4$
Molecular Weight : 395.88
Target : Protein Phosphatase/PTP
Solubility : 10 mM in DMSO



Biological Activity

BN82002 hydrochloride is a potent Cdc25 dual specificity phosphatase inhibitor with IC₅₀ of 2-6 μ M for Cdc25A/B/C. BN82002 impairs the proliferation of tumoral cell lines and increases CDK1 inhibitory tyrosine phosphorylation, delays cell cycle progression in HeLa cells;. BN82002 reduces growth rate of human tumor xenografts in mice.

References

Brezak MC, et al. Cancer Res. 2004 May 1;64(9):3320-5.
Contour-Galcéra MO, et al. Bioorg Med Chem Lett. 2004 Dec 6;14(23):5809-12.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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