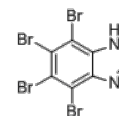


Product Name : TBBz
Cat. No. : PC-61326
CAS No. : 577779-57-8
Molecular Formula : C₇H₂N₂Br₄
Molecular Weight : 433.72
Target : Casein Kinase
Solubility : 10 mM in DMSO



Biological Activity

TBBz is a potent, selective and ATP-competitive **CK2** inhibitor with K_i of 0.5-1 μ M. TBBz weakly inhibits CK1 (about 100-fold less potent), and has no activity for PKA and PKC. TBBz decreases the activity of GBM-initiating cell regulator β -catenin, reduces cell growth, decreases tumor size, and increases survival rates in GBM xenograft mouse models.

References

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Zien P, et al. *Biochim Biophys Acta*. 2005 Dec 30;1754(1-2):271-80.
Nitta RT, et al. *Oncogene*. 2015 Jul;34(28):3688-99.

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

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