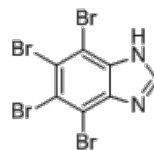


Product Name	: TBBz
Synonyms	: Casein Kinase II Inhibitor XI; TBBz
Cat No.	: M15112
CAS Number	: 577779-57-8
Molecular Formula	: C ₇ H ₂ N ₂ Br ₄
Formula Weight	: 433.72
Chemical Name	: 4,5,6,7-Tetrabromo-1H-benzimidazole
Description	: A potent, selective and ATP-competitive CK2 inhibitor with K _i of 0.5-1 uM; weakly inhibits CK1 (about 100-fold less potent), and has no activity for PKA and PKC; 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.
Pathway	: Metabolic Enzyme/Protease
Target	: Casein Kinase
Receptor	: Casein Kinase
Solubility	: —
SMILES	: C1=NC2=C(N1)C(=C(C(=C2Br)Br)Br)Br
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Zień P, et al. Biochem Biophys Res Commun. 2003 Jun 20;306(1):129-33. 2. Zien P, et al. Biochim Biophys Acta. 2005 Dec 30;1754(1-2):271-80. 3. Nitta RT, et al. Oncogene. 2015 Jul;34(28):3688-99.