

Product Information

TC-DAPK6, Purity ≥98%

Cat. No.: X24-09-YM1244

Size: 10 mg; 25 mg; 50 mg; 100 mg

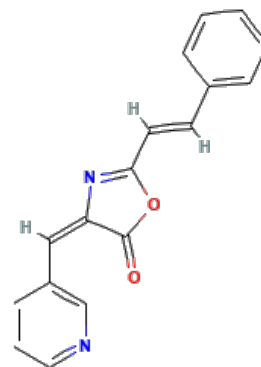
CAS Number: 315694-89-4

Compound CID: 5676111

Synonym: 315694-89-4; TCDAPK6; TC-DAPK-6;

(4*E*)-2-[(*E*)-2-Phenylethenyl]-4-(pyridin-3-ylmethylidene)-1,3-oxazol-5-one

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	TC-DAPK6 is a potent and selective, ATP-competitive inhibitor of death-associated protein kinase 1 (DAPK1). The molecular weight of the compound is 276.29, and its molecular formula is C ₁₇ H ₁₂ N ₂ O ₂ .
Molecular Weight	276.29
Molecular Formula	C ₁₇ H ₁₂ N ₂ O ₂
IUPAC Name	(4 <i>E</i>)-2-[(<i>E</i>)-2-Phenylethenyl]-4-(pyridin-3-ylmethylidene)-1,3-oxazol-5-one
InChI	InChI=1S/C17H12N2O2/c20-17-15(11-14-7-4-10-18-12-14)19-16(21-17)9-8-13-5-2-1-3-6-13/h1-12H/b9-8+,15-11+
InChI Key	GFGMISOSPOPSHN-QCTDOKRBSA-N
Canonical SMILES	C1=CC=C(C=C1)C=CC2=NC(=CC3=CN=CC=C3)C(=O)O2
Isomeric SMILES	C1[C@@H](N=C(S1)C2=NC3=C(S2)C=C(C=C3)O)C(=O)O
Form	Lyophilized powder
Purity	≥98%
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	TC-DAPK6 can be studied extensively for its potential therapeutic applications in the treatment of cancer and neurodegenerative diseases.
Storage	Store at -20°C, and keep desiccated.



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