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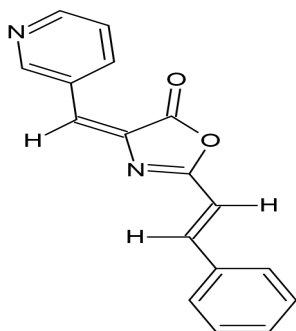
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DAPK Inhibitor

ALTERNATE NAME: (4E)-2-[(E)-2-phenylethenyl]-4-(pyridin-3-ylmethylidene)-1,3-oxazol-5-one

CATALOG #: AUR10292

STRUCTURE:



MOLECULAR FORMULA: C₁₇H₁₂N₂O₂

MOLECULAR WEIGHT: 276.30

CAS#: 315694-89-4

APPEARANCE: Off-white solid

SOLUBILITY: DMSO (25 mg/ml)

PURITY: >95% by LCMS

STORAGE: Store at +2°C to +8°C; Protect from air and light

DESCRIPTION: DAPK inhibitor is a potent, ATP-competitive, and highly selective death-associated protein kinase (DAPK) inhibitor (IC₅₀ = 69 and 225 nM against DAPK1 and DAPK3, respectively, with 10 μM ATP), while exhibiting much reduced or no activity against a panel of 48 other kinases even at concentrations as high as 10 μM.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure