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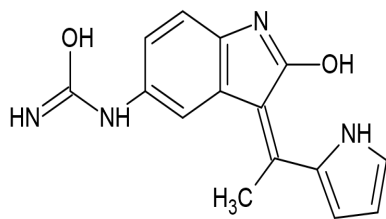
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PDK1 Inhibitor II

ALTERNATE NAME: [(3Z)-2-oxo-3-[1-(1*H*-pyrrol-2-yl)ethylidene]-1*H*-indol-5-yl]urea; BX-517

CATALOG #: AUR10783

STRUCTURE:



MOLECULAR FORMULA: C₁₅H₁₄N₄O₂

MOLECULAR WEIGHT: 282.30

CAS#: 850717-64-5

APPEARANCE: Dark brown solid

SOLUBILITY: DMSO (25 mg/ml)

PURITY: ≥95% by HPLC

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

DESCRIPTION: PDK Inhibitor II is a potent, ATP site-targeting PDK1 inhibitor (IC₅₀ = 6 nM) and effectively suppresses cellular Akt Thr³⁰⁸ phosphorylation level in PC-3 cultures (IC₅₀ ≤1 μM), while affecting PKA (IC₅₀ = 1.6 μM) and 7 other kinases (IC₅₀ ≥600 nM) only at much higher concentrations.

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