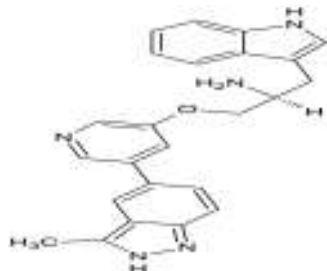


# A-443654

**ALTERNATE NAME:** (2s)-1-(1h-Indol-3-Yl)-3-[[5-(3-Methyl-1h-Indazol-5-Yl)pyridin-3-Yl]oxy]propan-2-Amine

**CATALOG #:** B3277-1 1 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>24</sub>H<sub>23</sub>N<sub>5</sub>O

**MOLECULAR WEIGHT:** 397.5

**CAS NUMBER:** 552325-16-3

**APPEARANCE:** White to off-white solid

**PURITY:** ≥98%

**SOLUBILITY:** ~15 mg/ml DMSO  
~10 mg/ml Ethanol

**DESCRIPTION:** A-443654 is a pan-Akt inhibitor and has equal potency against Akt1, Akt2, or Akt3 within cells (K<sub>i</sub>=160 pM). Also acts as a DYRK1A inhibitor (IC<sub>50</sub>=10nM). Inhibits other kinases, including PRK2, MSK1 and DYRK3 at low nM range as well. Displays anticancer activity.

**STORAGE TEMPERATURE:** -20°C. Protect from light

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

**RELATED PRODUCTS:**

Harmine (2561)  
Akt-I-1 (B1610)  
Akt Inhibitor (10-NCP) (2338)  
Akt Inhibitor, Isozyme-Selective (1708)  
Leucettine L41 (2617)

**DISCLAIMER:** *FOR RESEARCH USE ONLY! Not to be used on humans.*