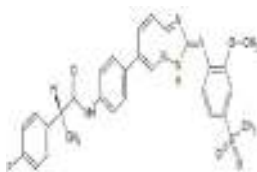


# BAY-1816032

**ALTERNATE NAME:** BAY1816032  
2-(3,5-difluoro-4-((3-(5-methoxy-4-((3-methoxypyridin-4-yl)amino)pyrimidin-2-yl)-1H-indazol-1-yl)methyl)phenoxy)ethan-1-ol

**CATALOG #:** B2750-1 1 mg  
B2750-5 5 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>27</sub>H<sub>24</sub>F<sub>2</sub>N<sub>6</sub>O<sub>4</sub>

**MOLECULAR WEIGHT:** 534.52

**CAS NUMBER:** 1891087-61-8

**APPEARANCE:** Crystalline solid

**PURITY:** ≥98% by HPLC

**SOLUBILITY:** >20 mg/ml DMSO

**DESCRIPTION:** BAY-1816032 is a potent and oral available BUB1 (budding uninhibited by benzimidazoles 1) kinase inhibitor with an IC<sub>50</sub> of 7 nM. Displays excellent selectivity over a panel of 395 kinases. BAY 1816032 abrogates nocodazole-induced Thr-120 phosphorylation of the major BUB1 target protein histone H2A in HeLa cells with an IC<sub>50</sub> of 29 nanomol/L, induces lagging chromosomes and mitotic delay.

**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:**

Paclitaxel (1567)  
Docetaxel (2232)  
Cabazitaxel (B2399)

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