

# LTURM-34

**ALTERNATE NAME:** 8-(4-Dibenzothienyl)-2-(4-morpholinyl)-4H-1,3-benzoxazin-4-one  
LTURM34

**CATALOG #:** B2524-1 1 mg  
B2524-5 5 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>24</sub>H<sub>18</sub>N<sub>2</sub>O<sub>3</sub>S

**MOLECULAR WEIGHT:** 414.48

**CAS NUMBER:** 1879887-96-3

**APPEARANCE:** Off-white solid

**PURITY:** ≥98% by HPLC

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

**DESCRIPTION:** LTURM-34 is a potent DNA-PK inhibitor (IC<sub>50</sub> = 34 nM). Displays 170-fold selectivity for DNA-PK over PI3-K. Attenuates proliferation of a wide range of tumor cell lines in vitro.

**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:**

AZD-6482 (B1143)  
PIK75 (B1668)  
ETP-46464 (2457)  
KU-0060648 (B1115)  
CC-115 (B2499)  
M-3814 (Nedisertib) (B2217)

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