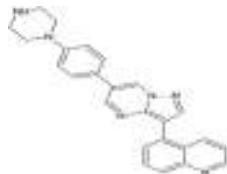


# LDN-212854

**ALTERNATE NAME:** 5-(6-(4-(piperazin-1-yl)phenyl)pyrazolo[1,5-a]pyrimidin-3-yl)quinoline  
LDN212854

**CATALOG #:** B2641-1 1 mg  
B2641-5 5 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>25</sub>H<sub>22</sub>N<sub>6</sub>

**MOLECULAR WEIGHT:** 406.48

**CAS NUMBER:** 1432597-26-6

**APPEARANCE:** Yellow solid

**PURITY:** ≥98% by HPLC

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

**DESCRIPTION:** LDN-212854 is a potent ALK inhibitor (IC<sub>50</sub> values are 1.3, 2.4, 85.8, 2,133 and 9,276 nM for ALK2, ALK1, ALK3, ALK4 and ALK5, respectively). Displays selectivity for ALK2 over ALK4 and ALK5 in cellular assays. Also exhibits activity against RIPK2, ABL1 and PDGFR-β (IC<sub>50</sub> values < 100 nM).

**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:**

LDN193189 (1995)  
K02288 (B2321)  
Diosmetin (B1922)  
EZSolution™ LDN193189 (2092)

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