

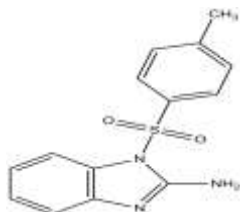
## ML130

**ALTERNATE NAME:** 1-Tosyl-1H-benzo[d]imidazol-2-amine; Nodinitib-1

**CATALOG #:** 1974-5, 25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>14</sub>H<sub>13</sub>N<sub>3</sub>O<sub>2</sub>S

**MOLECULAR WEIGHT:** 287.34

**CAS NUMBER:** 799264-47-4

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

**SOLUBILITY:** DMSO

**PURITY:** ≥97% by HPLC

**STORAGE:** Store at -20 °C. Protect from light

**DESCRIPTION:** Cell-permeable. A selective NOD1 (nucleotide-binding oligomerization domain 1) inhibitor. Selectively inhibits NOD1-dependent activation of NF-κB in HEK293 cells (IC<sub>50</sub> = 0.56±0.04 μM). Displays high selectivity (>36-fold) over MDP-stimulated signaling in reporter cell lines containing both endogenous and overexpressed NOD2 proteins or TNF-α-induced NF-κB activation.

**REFERENCE:** Khan, P.M., *et al.* (2011). *ACS Med. Chem. Lett.* **2**, 780-785.

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

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

**RELATED PRODUCTS:**

- BAY 11-7082 (Cat. No. 1867-10, 50)
- Celastrol (Cat. No. 1940-5, 25)
- Honokiol (Cat. No. 1762-10, 50)
- Parthenolide (Cat. No. 1868-10,50)
- PDTC (Cat. No. 1676-100)
- Rocaglamide (Cat. No. 1863-100)
- Triptolide (Cat. No. 1761-1,5)