

## ML130

Cat. No. CEI-0594

Lot. No. (See product label)

### Introduction

**Description** Cell-permeable. A selective NOD1 (nucleotide-binding oligomerization domain 1) inhibitor. Selectively inhibits NOD1-dependent activation of NF- $\kappa$ B in HEK293 cells ( $IC_{50} = 0.56 \pm 0.04 \mu\text{M}$ ). Displays high selectivity (>36-fold) over MDP-stimulated signaling in reporter cell lines containing both endogenous and overexpressed NOD2 proteins or TNF- $\alpha$ -induced NF- $\kappa$ B activation.

**Synonyms** Nodinitib-1

### Product Information

**Appearance** White solid

**CAS No.** 799264-47-4

**Molecular Formula**  $C_{14}H_{13}N_3O_2S$

**Chemical Name** 1-Tosyl-1H-benzo[d]imidazol-2-amine

**Molecular Weight** 280.32

**Purity** >95% by HPLC

**Targets** NOD1

**Solubility** DMSO or EtOH

### Storage and Shipping Information

**Storage** -20 centigrade

**Shipping Conditions** Gel pack