

## 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