

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- κ B in HEK293 cells ($IC_{50} = 0.56 \pm 0.04 \mu M$). 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- κ 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