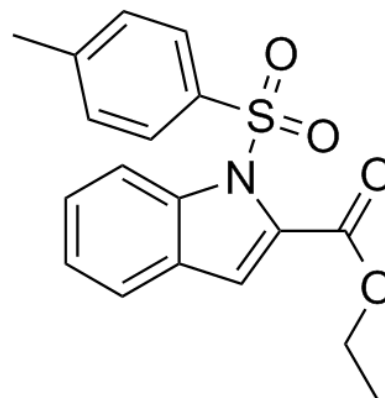


**Product Name** : NOD-IN-1  
**Cat. No.** : PC-42228  
**CAS No.** : 132819-92-2  
**Molecular Formula** : C<sub>18</sub>H<sub>17</sub>NO<sub>4</sub>S  
**Molecular Weight** : 343.3969  
**Target** : NOD-like Receptor (NLR)  
**Solubility** : 10 mM in DMSO



### Biological Activity

NOD-IN-1 is a potent, dual inhibitor of **NOD1** and **NOD2** with IC<sub>50</sub> of 5.74 μM and 6.45 μM, respectively. NOD-IN-1 is 7-fold less potent than Noditinib-1 in terms of NOD1 inhibition and completely devoid of selective activity for NOD1 or NOD2 as opposed to Noditinib-1.

### References

Keček Plešec K, et al. *Bioorg Med Chem.* 2016 Nov 1;24(21):5221-5234.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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