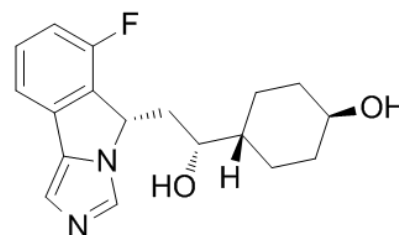


**Product Name** : Navoximod  
**Cat. No.** : PC-45552  
**CAS No.** : 1402837-78-8  
**Molecular Formula** : C<sub>18</sub>H<sub>21</sub>FN<sub>2</sub>O<sub>2</sub>  
**Molecular Weight** : 316.3699  
**Target** : Indoleamine 2,3-Dioxygenase (IDO)  
**Solubility** : DMSO: 100 mg/mL



## Biological Activity

Navoximod (GDC-0919, NLG919) is a potent, selective inhibitor of indoleamine 2,3-dioxygenase 1 (**IDO1**) with biochemical IC<sub>50</sub> of 28 nM, and of K<sub>i</sub> of 5.8 nM.

NLG919 inhibits IDO1 activity in an uncompetitive or a noncompetitive mode with respect to the L-Trp substrate.

NLG919 (500 mg/kg/day) reduced tumor growth and enhance survival as a single agent in Pan02 tumor model in C57Bl/6 mice.

## References

- Mautino, et al. Preparation of fused imidazole derivatives as IDO inhibitors. From PCT Int. Appl. (2012), 20121018.
- Kumar S, et al. **J Med Chem.** 2019 Jul 25;62(14):6705-6733.

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

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