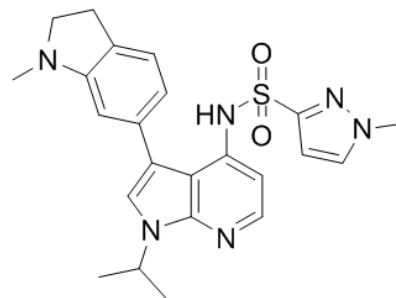


**Product Name** : GSK-2795039  
**Cat. No.** : PC-45569  
**CAS No.** : 1415925-18-6  
**Molecular Formula** : C<sub>23</sub>H<sub>26</sub>N<sub>6</sub>O<sub>2</sub>S  
**Molecular Weight** : 450.5565  
**Target** : NADPH Oxidase (NOX)  
**Solubility** : DMSO: ≥ 32 mg/mL



## Biological Activity

GSK-2795039 (GSK2795039) is a potent and selective inhibitor of **NOX2 (NADPH oxidase 2)** with pIC<sub>50</sub> of 6.57. GSK-2795039 exhibits good selectivity for NOX2 over other NOX isoforms, xanthine oxidase and eNOS. GSK-2795039 abolishes the production of ROS by activated NOX2 enzyme in a paw inflammation model of acute pancreatitis.

## References

Hirano K, et al. *Antioxid Redox Signal*. 2015 Aug 10;23(5):358-74.

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

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