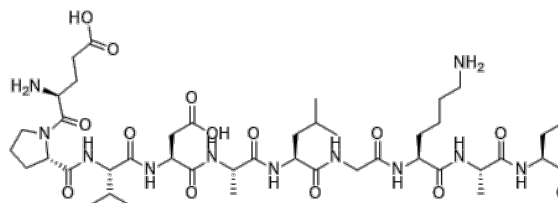


**Product Name** : NOXA1ds  
**Cat. No.** : PC-24326  
**CAS No.** : 1435893-78-9  
**Molecular Formula** : C<sub>50</sub>H<sub>88</sub>N<sub>14</sub>O<sub>15</sub>  
**Molecular Weight** : 1125.32  
**Target** : NADPH Oxidase (NOX)  
**Solubility** : 10 mM in DMSO



## Biological Activity

NoxA1ds is a potent and highly selective NADPH oxidase 1 (NOX1) inhibitor with IC<sub>50</sub> of 20 nM, potently inhibits Nox1-derived superoxide anion (O<sub>2</sub><sup>-</sup>) production with no effect on Nox2-, Nox4-, Nox5-, or xanthine oxidase-derived reactive oxygen species production.

## References

Ranayhossaini DJ, et al. J Biol Chem. 2013 Dec 20;288(51):36437-50.

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

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