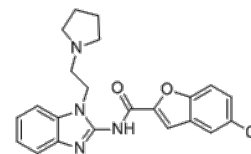


**Product Name** : UNC2383  
**Cat. No.** : PC-72947  
**CAS No.** : 2123481-48-9  
**Molecular Formula** : C<sub>22</sub>H<sub>21</sub>ClN<sub>4</sub>O<sub>2</sub>  
**Molecular Weight** : 408.886  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



### Biological Activity

UNC2383 (UNC-2383) is a small molecule that enhances the intracellular delivery and pharmacological effectiveness of antisense oligonucleotides (ONs) and splice switching oligonucleotides (SSOs). UNC2383 is capable of boosting ON activity by inducing ON escape from late endosomes at concentrations of 5-30  $\mu$ M to boost oligonucleotides (ONs) activity.

### References

- Jeremy P Bost, et al. *Commun Biol.* 2022 Mar 1;5(1):185.  
B Yang, et al. *Nucleic Acids Res.* 2015 Feb 27;43(4):1987-96.  
Ling Wang, et al. *ACS Chem Biol.* 2017 Aug 18;12(8):1999-2007.

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

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