

**Product Name** : DX600  
**Cat. No.** : PC-38238  
**CAS No.** : 478188-26-0  
**Molecular Formula** : C<sub>141</sub>H<sub>185</sub>N<sub>35</sub>O<sub>40</sub>S<sub>2</sub>.C<sub>2</sub>HF<sub>3</sub>O<sub>2</sub>  
**Molecular Weight** : 3188.37  
**Target** : SARS-CoV-2 Inhibitors  
**Solubility** : 10 mM in H<sub>2</sub>O (31.8 mg/mL)

Ac-Gly-Asp-Tyr-Ser-His-Cys-Ser-Pro-Leu-Arg-Tyr-Tyr-Pro-Trp-Trp-Lys-Cys-Thr-Tyr-Pro-Asp-Pro-Glu-Gly-Gly-Gly-NH<sub>2</sub> trifluoroacetate salt (Disulfide bond)

### Biological Activity

DX600 (DX-600) is a potent, specific peptide inhibitor of Angiotensin-converting enzyme 2 (**ACE2**) with K<sub>i</sub> of 2.8 nM. DX600 exhibits non-competitive type of inhibition and not inhibit ACE activity. DX600 is a useful tool compound in elucidation of ACE2 in vivo function, as well as the recent SARS CoV-2 viral entry via huamn ACE2.

### References

Huang L, et al. *J Biol Chem*. 2003 May 2;278(18):15532-40.  
Li N, et al. *Am J Physiol Renal Physiol*. 2005 Feb;288(2):F353-62.

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

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