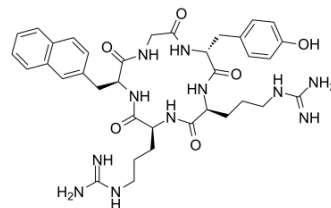


## FC131

**Cat. No.:** HY-P1104  
**CAS No.:** 606968-52-9  
**Molecular Formula:** C<sub>36</sub>H<sub>47</sub>N<sub>11</sub>O<sub>6</sub>  
**Molecular Weight:** 729.83  
**Target:** CXCR; HIV  
**Pathway:** GPCR/G Protein; Immunology/Inflammation; Anti-infection  
**Storage:** Please store the product under the recommended conditions in the COA.



### BIOLOGICAL ACTIVITY

<b>Description</b>	FC131 TFA <input type="checkbox"/> CXCR4 <input type="checkbox"/> [125I]-SDF-1 <input type="checkbox"/> CXCR4 <input type="checkbox"/> IC <sub>50</sub> <input type="checkbox"/> 4.5 nM <input type="checkbox"/> FC131 TFA <input type="checkbox"/> HIV <input type="checkbox"/>	
<b>IC<sub>50</sub> &amp; Target</b>	125I-SDF-CXCR4 4.5 nM (IC <sub>50</sub> )	HIV

### REFERENCES

[1]. Tamamura H, et al. Stereoselective synthesis of [L-Arg-L/D-3-(2-naphthyl)alanine]-type (E)-alkene dipeptide isosteres and its application to the synthesis and biological evaluation of pseudopeptide analogues of the CXCR4 antagonist FC131. *J Med Chem.* 2005 Jan 27;48(2):380-91.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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