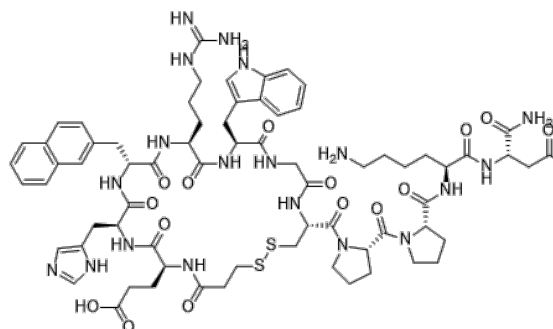


**Product Name** : JKC-363  
**Cat. No.** : PC-22664  
**CAS No.** : 436083-30-6  
**Molecular Formula** : C<sub>69</sub>H<sub>91</sub>N<sub>19</sub>O<sub>16</sub>S<sub>2</sub>  
**Molecular Weight** : 1506.71  
**Target** : Melanocortin Receptor  
**Solubility** : 10 mM in DMSO



## Biological Activity

JKC-363 (JKC363) is a highly potent, selective melanocortin MC4 receptor antagonist with IC<sub>50</sub> of 0.5 nM, 90-fold selective over MC3 receptor.

## References

Kim RY, et al. Biochem Biophys Res Commun. 2005 Apr 22;329(4):1178-85.

Doghman M, et al. Endocrinology. 2004 Feb;145(2):541-7.

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

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