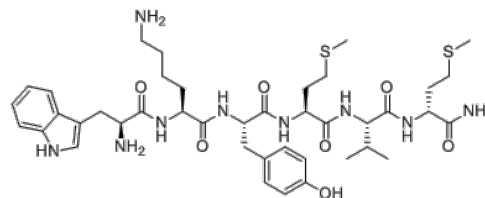


**Product Name** : WKYMMVm hexapeptide  
**Cat. No.** : PC-72084  
**CAS No.** : 187986-17-0  
**Molecular Formula** : C<sub>41</sub>H<sub>61</sub>N<sub>9</sub>O<sub>7</sub>S<sub>2</sub>  
**Molecular Weight** : 856.11  
**Target** : Formyl peptide receptor (FPR)  
**Solubility** : 10 mM in DMSO



## Biological Activity

WKYMMVm hexapeptide is a potent, selective, pan-agonist for the formyl peptide receptors **FPR1**, **FPR2** (EC<sub>50</sub> = 75 pM) and **FPR3** (EC<sub>50</sub> = 3 nM).

WKYMMVm induces Ca<sup>2+</sup> mobilization and superoxide production in, and chemotactic migration of, monocytes and neutrophils.

WKYMMVm also promotes monocyte survival through a PKC-, PI3-kinase- and Akt-dependent pathway.

## References

Francesca Wanda Rossi, et al. *J Immunol.* 2015 Jun 1;194(11):5161-73.

Park B, et al. *J Cell Mol Med.* 2021 Sep;25(18):8936-8946.

Hu J, et al. *J Cell Mol Med.* 2020 Jan;24(2):1893-1905.

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

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