IUPHAR/BPS Guide to Pharmacology CITE
https://doi.org/10.2218/gtopdb/F23/2025.1

Formylpeptide receptors in GtoPdb v.2025.1

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Abstract

The formylpeptide receptors (**nomenclature agreed by the NC-IUPHAR Subcommittee on the formylpeptide receptor family [150]**) respond to exogenous ligands such as the bacterial product fMet-Leu-Phe (fMLF) and endogenous ligands such as lipoxin A_4 (LXA_4), 15-*epi*-lipoxin A_4, annexin I , cathepsin G, amyloid β42, serum amyloid A and spinorphin, derived from β-haemoglobin. FPR1 also serves as a plague receptor for selective destruction of human immune cells by *Y. pestis* [135]. The FPR1/2 agonists 'compound 17b' and 'compound 43' have shown cardiac protective functions [149, 64].

Contents

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