

Formylpeptide receptors in GtoPdb v.2021.2

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Abstract

The **formylpeptide receptors** (nomenclature agreed by the **NC-IUPHAR Subcommittee on the formylpeptide receptor family [196]**) respond to exogenous ligands such as the bacterial product **fMet-Leu-Phe** (fMLP) and endogenous ligands such as lipoxin A₄ (LXA₄), 15-*epi*-lipoxin A₄, **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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Receptors

FPR1

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FPR2/ALX

<https://www.guidetopharmacology.org/GRAC/ObjectDisplayForward?objectId=223>

FPR3

<https://www.guidetopharmacology.org/GRAC/ObjectDisplayForward?objectId=224>

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