

## Melanocortin receptors (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database

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### Abstract

Melanocortin receptors (**provisional nomenclature as recommended by NC-IUPHAR [36]**) are activated by members of the melanocortin family ( $\alpha$ -MSH,  $\beta$ -MSH and  $\gamma$ -MSH forms;  $\delta$  form is not found in mammals) and adrenocorticotrophin (ACTH). Endogenous antagonists include *agouti* and *agouti-related protein*. ACTH(1-24) was approved by the US FDA as a diagnostic agent for adrenal function test, whilst NDP-MSH was approved by EMA for the treatment of erythropoietic protoporphyria. Several synthetic melanocortin receptor agonists are under clinical development.

### Contents

This is a citation summary for Melanocortin receptors in the [Guide to Pharmacology](#) database (GtoPdb). It exists purely as an adjunct to the database to facilitate the recognition of citations to and from the database by citation

under database links.

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## Database links

### Melanocortin receptors

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### Introduction to Melanocortin receptors

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##### MC<sub>2</sub> receptor

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##### MC<sub>5</sub> receptor

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