Adenosine receptors

https://www.guidetopharmacology.org/GRAC/ FamilyDisplayForward?familyId=3

Overview

Adenosine receptors are activated by the endogenous...

select gft.overview
from grac_family_text gft
where gft.family_id = 3

from family f join receptor2family r2f

r2f.object id = rb.object id join object o on

select o.name

Receptors

- A₁ receptor
- A_{2 \(\Delta\)} receptor
- A_{2B} receptor
- A₃ receptor

Comments

Adenosine inhibits many intracellular ATP-utilising enzymes, including adenylyl cyclase (P-site). A pseudogene exists for the A_{2B} adenosine receptor ...

select gft.comments
from grac_family_text gft
where gft.family_id = 3

rb.object id = o.object id

where f.family id = 3

Further reading

• Borea PA, Varani K, Vincenzi F, Baraldi PG, Tabrizi MA, Merighi S, Gessi S. (2015) The A3 adenosine receptor: history and perspectives . *Pharmacol. Rev.*, **67** (1): 74-102. select r.article_title, r.authors, r.year, r.pages,
r.publication, r.publisher
from family f join grac_further_reading gfr on
f.family_id = gfr.family_id join reference r
on gfr.reference_id = r.reference_id
where f.family_id = 3

on f.family id = r2f.family id join receptor basic rb on

References

[1] Abo-Salem OM, Hayallah AM, Bilkei-Gorzo A, Filipek B, Zimmer A, Müller CE. (2004) Antinociceptive effects of novel A2B adenosine receptor antagonists. *J. Pharmacol. Exp. Ther.*, **308**

NC-IUPHAR subcommittee and family contributors

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select c.first_names , c.surname
from contributor2family cf join contributor c
on cf.contributor_id = c.contributor_id
where cf.family id = 3