

[Inici](#) > Synthesis, structural analysis, and biological evaluation of thioxoquinazoline derivatives as phosphodiesterase 7 inhibitors.

---

## Synthesis, structural analysis, and biological evaluation of thioxoquinazoline derivatives as phosphodiesterase 7 inhibitors.

**Authors:** [Castaño, Tania](#) / [Wang, Huanchen](#) / [Campillo, Nuria](#) / [Ballester, Sara](#) / [González-García, Coral](#) / [Hernández, Javier](#) / [Pérez, Concepción](#) / [Cuenca, Jimena](#) / [Pérez-Castillo, Ana](#) / [Martínez, Ana](#) / [Huertas, Oscar](#) / [Gelpí, Josep Lluís](#) / [Luque, Francisco Javier](#) / [Ke, Hengming](#) / [Gil, Carmen](#)

**Publication:** ChemMedChem

**Volume / Pagination:** 4 / 866-76

**Paraules clau:** [Animals](#), [Anti-Inflammatory Agents](#), [Catalytic Domain](#), [Cells, Cultured](#), [Crystallography, X-Ray](#), [Cyclic AMP](#), [Cyclic Nucleotide Phosphodiesterases, Type 4](#), [Cyclic Nucleotide Phosphodiesterases, Type 7](#), [Drug Design](#), [Humans](#), [Mice](#), [Phosphodiesterase 4 Inhibitors](#), [Phosphodiesterase Inhibitors](#), [Quinazolines](#), [Structure-Activity Relationship](#)

Barcelona Supercomputing Center - Centro Nacional de Supercomputación

---

**Source URL (retrieved on 24 abr 2024 - 16:10):** <https://www.bsc.es/ca/research-and-development/publications/synthesis-structural-analysis-and-biological-evaluation>