

Title (en)

ARYLPYRIDAZINONES AS PROSTAGLANDIN ENDOPEROXIDE H SYNTHASE BIOSYNTHESIS INHIBITORS

Title (de)

ARYLPYRIDAZINONE ALS HEMMER DER BIOSYNTHESE DER PROSTAGLANDIN-ENDOPEROXID-H-SYNTHASE

Title (fr)

ARYLPYRIDAZINONES INHIBITRICES DE LA BIOSYNTHESE DE LA PROSTAGLANDINE ENDOPEROXYDE H SYNTHASE

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Application

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Abstract (en)

[origin: WO9910331A1] The present invention describes pyridazinone compounds which are cyclooxygenase (COX) inhibitors, and in particular, are selective inhibitors of cyclooxygenase-2 (COX/2), COX-2 is the inducible isoform associated with inflammation, as opposed to the constitutive isoform, cyclooxygenase-1 (COX-1) which is an important "housekeeping" enzyme in many tissues, including the gastrointestinal (GI) tract and the kidneys. The selectivity of these compounds for COX-2 minimizes the unwanted GI and renal side-effects seen with currently marketed non-steroidal anti-inflammatory drugs (NSAIDs).

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