Dexpramipexole

Cat. No.: HY-17355B
CAS No.: 104632-28-2
Molecular Formula: \( \text{C}_{10}\text{H}_{17}\text{N}_{3}\text{S} \)
Molecular Weight: 211.33
Target: Dopamine Receptor
Pathway: GPCR/G Protein; Neuronal Signaling
Storage: Please store the product under the recommended conditions in the COA.

BIOLOGICAL ACTIVITY

<table>
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<th>Description</th>
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<td>Dexpramipexole(KNS-760704), also known as R-(+)-Pramipexole, is a neuroprotective agent and weak non-ergoline dopamine agonist. IC50 Value: Target: Dopamine Receptor Dexpramipexole has been found to have neuroprotective effects and is being investigated for treatment of amyotrophic lateral sclerosis (ALS). Dexpramipexole reduces mitochondrial reactive oxygen species (ROS) production, inhibits the activation of apoptotic pathways, and increase cell survival in response to a variety of neurotoxins and ( \beta )-amyloid neurotoxicity. Compared to the S-(−) isomer, Dexpramipexole has much lower dopamine agonist activity.</td>
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REFERENCES


Caution: Product has not been fully validated for medical applications. For research use only.
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