

Dexpramipexole

Catalog No: tcsc1196



Available Sizes

Size: 10mg

Size: 50mg



Specifications

CAS No:

104632-28-2

Formula:

$C_{10}H_{17}N_3S$

Pathway:

GPCR/G Protein;Neuronal Signaling

Target:

Dopamine Receptor;Dopamine Receptor

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

(R)-Pramipexole;R-(+)-Pramipexole;KNS-760704

Observed Molecular Weight:

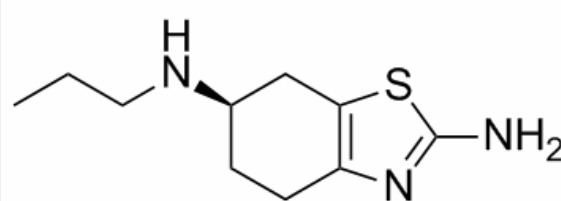
211.33

Product Description

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 β -amyloid neurotoxicity. Compared to the S-(-) isomer, Dexpramipexole has much lower dopamine agonist activity.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!