



Pergolide (mesylate)

Catalog No: tcsc2629

Available Sizes
Size: 5mg
Size: 10mg
Size: 25mg
Size: 50mg
Specifications
CAS No: 66104-23-2
Formula: $C_{20}^{H}_{30}^{N}_{2}^{O}_{3}^{S}_{2}$
Pathway: GPCR/G Protein;Neuronal Signaling
Target: Dopamine Receptor;Dopamine Receptor
Purity / Grade: >98%
Solubility: DMSO : ≥ 25 mg/mL (60.89 mM)
Alternative Names: Pergolide methanesulfonate;LY127809
Observed Molecular Weight: 410.59





Product Description

Pergolide Mesylate is an antiparkinsonian agent which functions as a dopaminergic agonist.

Target: Dopamine Receptor

Pergolide mesylate (trade name Permax) is an ergoline-based dopamine receptor agonist used in some countries for the treatment of Parkinson\'s disease. Pergolide mesylate functions as an agonist at the dopamine D2, D1 and serotonin 5-HT1A, 5-HT1B, 5-HT2A, 5-HT2B, and 5-HT2C receptors. It may possess agonist activity at other dopamine receptor subtypes as well, similar to cabergoline [1, 2]. Pergolide mesylate decreases plasma prolactin concentrations [3]. The weak agonist activity of pergolide at D1 receptors somewhat alters its clinical and side effect profile in the treatment of Parkinson\'s disease. The drug is in decreasing use, as it is reported to be associated with a form of heart disease called cardiac fibrosis. The use of pergolide or cabergoline is associated with a significantly increased risk of newly diagnosed cardiac-valve regurgitation [4].

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