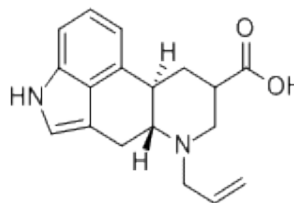


Data Sheet

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Global Supplier of Chemical Probes, Inhibitors & Agonists

Product Name	: Cabergoline EP Impurity A
Cat.No.	: URK-V2459
CAS No.	: 81409-74-7
Molecular Formula	: $C_{18}H_{20}N_2O_2$
Molecular Weight	: 296.36
Target	:
Solubility	:



Biological Activity

Cabergoline EP Impurity A is a potent D2 dopamine receptor agonist that acts by binding to dopamine receptors and effectively inhibiting the secretion of prolactin.

Hyperprolactinemia is a condition that is caused by elevated levels of prolactin in the blood and is associated with several clinical manifestations that include infertility, menstrual irregularities, and galactorrhea. The use of Cabergoline EP Impurity A is recommended for the management of hyperprolactinemia, and its therapeutic effectiveness has been proven in several clinical trials.

Cabergoline EP Impurity A works by selectively binding to dopamine receptors and effectively inhibiting the secretion of prolactin. The compound has a high affinity for D2 dopamine receptors, and its action is dose-dependent.

The therapeutic effectiveness of Cabergoline EP Impurity A has been demonstrated in several clinical trials and is considered a first-line option for the treatment of hyperprolactinemia.

References

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2. Colao A, Pivonello R, Di Sarno A, et al. The cabergoline test: a new tool for the diagnosis of hyperprolactinemia. J Clin Endocrinol Metab. 1998 Jul;83(7):2248-51.
3. Stalla GK, Weintraub BD. Diagnosis and treatment of hyperprolactinemia. JAMA. 1997 May 14;277(18):1466-70.

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