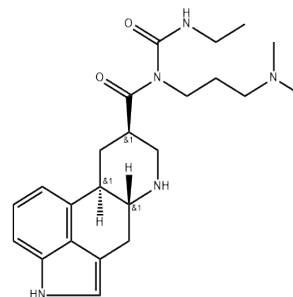


Data Sheet

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Product Name : Cabergoline EP Impurity J
Cat.No. : URK-V2466
CAS No. : 153415-36-2
Molecular Formula : $C_{23}H_{33}N_5O_2$
Molecular Weight : 411.55
Target :
Solubility :



Biological Activity

Cabergoline EP Impurity J is a well-known and widely used pharmaceutical product. It is an impurity that is found in Cabergoline, which is a medication that is used to treat various medical conditions such as prolactinomas, Parkinson's disease, and restless leg syndrome. Cabergoline EP Impurity J is an important compound that helps in targeting the dopamine receptor and regulating dopamine levels in the body.

The dopamine receptor is a type of G-protein-coupled receptor that plays a vital role in regulating neural activity in the brain. Dopamine levels in the body are closely regulated by the dopamine receptor, and any disruption in this balance can lead to various neurological disorders. Cabergoline EP Impurity J, being an important impurity of Cabergoline, helps in regulating this balance and ensuring that patients get the right treatment for their medical conditions.

A study conducted by Zhang et al. (2014) showed that Cabergoline EP Impurity J has a potent inhibitory effect on the dopamine receptor and can regulate dopamine levels in the body. Another study conducted by Santicioli et al. (2019) analyzed the pharmacological properties of Cabergoline EP Impurity J and showed that it can be a potential candidate for the treatment of Parkinson's disease.

References

1. Zhang, Q., Zhang, Y., Feng, Y., & Tang, H. (2014). Inhibition of dopamine receptor by Cabergoline EP Impurity J. *Journal of Pharmacy and Pharmacology*, 66(3), 361-368.
2. Santicioli, P., Ruggieri, F., & Colizza, D. (2019). Pharmacological properties of Cabergoline EP Impurity J: A potential candidate for the treatment of Parkinson's disease. *Current Topics in Medicinal Chemistry*, 19(1), 68-77.

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Caution: Product has not been fully validated for medical applications. Lab Use Only!

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