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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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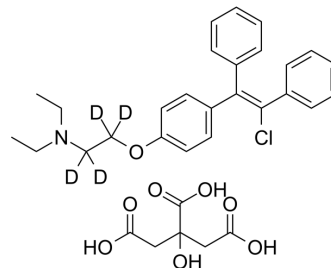
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Zuclomiphene-d₄ citrate

Cat. No.:	HY-B1617AS
CAS No.:	2714316-71-7
Molecular Formula:	C ₃₂ H ₃₂ D ₄ ClNO ₈
Molecular Weight:	602.11
Target:	Estrogen Receptor/ERR
Pathway:	Vitamin D Related/Nuclear Receptor
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



BIOLOGICAL ACTIVITY

Description

Zuclomiphene-d₄ (citrate) is a deuterium labeled Zuclomiphene citrate. Zuclomiphene citrate has an antiestrogenic effect and can inhibit the secretion of luteinizing hormone (LH) more than the trans isomer. Zuclomiphene citrate is also an orally active hypocholesterolemic agent[1][2][3][4].

REFERENCES

- [1]. Fontenot GK, et al. Differential effects of isomers of clomiphene citrate on reproductive tissues in male mice. *BJU Int.* 2016 Feb;117(2):344-50.
- [2]. Mikkelsen TJ, et al. Single-dose pharmacokinetics of clomiphene citrate in normal volunteers. *Fertil Steril.* 1986 Sep;46(3):392-6.
- [3]. Sutherland RL. Estrogen antagonists in chick oviduct: antagonist activity of eight synthetic triphenylethylene derivatives and their interactions with cytoplasmic and nuclear estrogen receptors. *Endocrinology.* 1981 Dec;109(6):2061-8.
- [4]. Ramsey RB, et al. The biochemical and morphological response of hydrolytic enzymes in the developing brain to hypocholesterolemic agents. *Acta Neuropathol.* 1980;49(2):89-94.

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

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