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Zuschläge

- Mindermengenzuschlag
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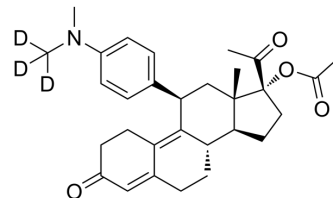
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Ulipristal acetate-d₃

Cat. No.:	HY-16508S1
CAS No.:	1621894-62-9
Molecular Formula:	C ₃₀ H ₃₄ D ₃ NO ₄
Molecular Weight:	478.64
Target:	Isotope-Labeled Compounds; Progesterone Receptor; Autophagy
Pathway:	Others; Vitamin D Related/Nuclear Receptor; Autophagy
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Ulipristal acetate-d₃ (CDB-2914-d₃) is deuterium labeled Ulipristal acetate. Ulipristal acetate (CDB-2914) is an orally active, selective progesterone receptor modulator (SPRM). Ulipristal acetate stimulates the autophagic response selectively in leiomyoma cells. Ulipristal acetate has the potential for benign gynecological conditions treatment, such as uterine myoma [1][2][3].

REFERENCES

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- [2]. Jadav SP, et al. Ulipristal acetate, a progesterone receptor modulator for emergency contraception. *J Pharmacol Pharmacother*. 2012 Apr;3(2):109-11.
- [3]. Del Bello B, et al. Autophagy up-regulation by ulipristal acetate as a novel target mechanism in the treatment of uterine leiomyoma: an in vitro study. *Fertil Steril*. 2019 Dec;112(6):1150-1159.
- [4]. Hild SA, et al. CDB-2914: anti-progestational/anti-glucocorticoid profile and post-coital anti-fertility activity in rats and rabbits. *Hum Reprod*. 2000 Apr;15(4):822-9.
- [5]. Ciarmela P, et al. Ulipristal acetate modulates the expression and functions of activin a in leiomyoma cells. *Reprod Sci*. 2014 Sep;21(9):1120-5.
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- [7]. Pohl O, et al. Carcinogenicity and chronic rodent toxicity of the selective progesterone receptor modulator ulipristal acetate. *Curr Drug Saf*. 2013 Apr;8(2):77-97.
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Caution: Product has not been fully validated for medical applications. For research use only.

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