

Dimethandrolone Undecanoate for Male
Contraception: CDB-4521 (DMAU)
Take home points

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DMAU: Summary

- Many men may prefer an oral contraceptive
- Oral delivery of androgens requires careful monitoring of liver and lipid effects
- Dimethandrolone undecanoate (DMAU) is a promising single agent, oral male hormonal contraceptive with potent androgen and progesterone activity in vitro and in animal studies

DMAU: Summary

- Preclinical data demonstrates reversible contraception with daily oral dosing of DMAU (Attardi et al 2008))
- Phase 1 data promising, without evidence of liver or other toxicity in healthy men and suppression of endogenous testosterone after a single dose (Surampudi et al 2014)
- 28 day oral dosing study in progress ; anticipate 6 month study in healthy men within the next two years