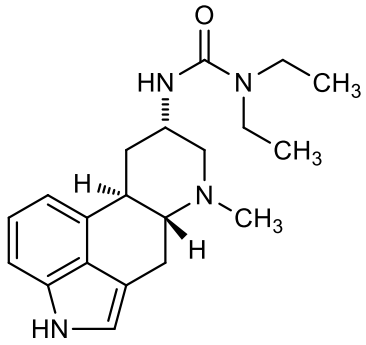
Catalog #10-2308
Terguride
CAS# 37686-84-3
S(+)-N,N-Diethyl-N′([8α]-6-methylergolin-8-yl)urea; S(+)-Terguride
Lot # X105614



A semi-synthetic ergoline derivative which acts as a partial dopamine D2 agonist and 5HT2B/2C receptor antagonist. Displays antiparkinsonian effects in MPTP-treated cynomolgus monkeys[1]. Partial agonist at recruitment of □-arrestin2 to the D2 receptor[2]. Ameliorates monocrotaline-induced pulmonary hypertension in rats[3].

1) Akai *et al*. (1993), *Effects pf terguride, a partial D2 agonist, on MPTP-lesioned parkinsonian cynomolgus monkeys;* Ann. Neurol., **133** 507
2) Klewe *et al*. (2008), *Recruitment of beta-arrestin2 to the dopamine D2 receptor: insights into anti-psychotic and anti-parkinsonian drug receptor signaling;* Neuropharmacology, **54** 1215
3) Dumitrascu *et al*. (2011), *Terguride ameliorates monocrotaline-induced pulmonary hypertension in rats;* Eur. Respir. J., **37** 1104

PHYSICAL DATA

Molecular Weight:	340.47
Molecular Formula:	$C_{20}H_{28}N_4O$
Purity:	≥98% (TLC); NMR (Conforms
Solubility:	Soluble in DMSO or ethanol. Insoluble in water
Physical Description:	White powder
Storage and Stability:	Store desiccated as supplied at ambient temperature for up to 3 years. Store solutions at -20°C for up to 3 months.

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