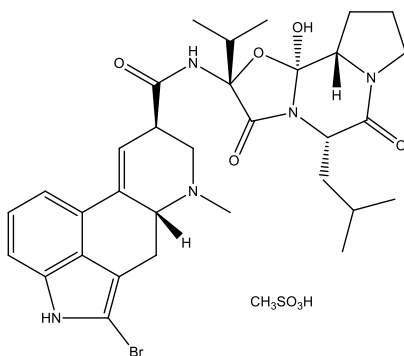


Catalog # 10-1096
Bromocriptine mesylate

CAS# 22260-51-1

(+)-2-Bromo-12'-hydroxy-2'-(1-methylethyl)-5'-(2-methylpropyl)-ergotaman-3',6',18-trione
methanesulfonate

Lot # X101800



Dopamine D2 receptor agonist. Inhibits prolactin production³. Decreases cocaine self-administration in the rat⁴. Active in vivo.

- 1) Nilsson and Hokfelt (1978), *Effect of the dopamine agonist bromocriptine on blood pressure, catecholamines and renin activity in acromegalics at rest, following exercise, and during insulin induced hypoglycemia*; Acta Endocrinol., **Supp. 216** 83
- 2) Seeman and Van Tol (1994), *Dopamine receptor pharmacology*; Trends Pharmacol. Sci., **15** 264
- 3) Carvalho et al. (2015), *Maternal prolactin inhibition causes changes in leptin at 22- and 30-day old pups*; Horm. Metab. Res., **47** 528
- 4) Hubner and Koob (1990), *Bromocriptine produces decreases in cocaine self-administration in the rat*; Neuropsychopharmacol., **3** 101

PHYSICAL DATA

Molecular Weight:	750.72
Molecular Formula:	C ₃₂ H ₄₀ BrN ₅ O ₅ · CH ₃ SO ₃ H
Purity:	>98% (TLC and HPLC); NMR (Conforms)
Solubility:	May be dissolved in DMSO (50 mg/ml); or Ethanol (6 mg/ml)
Physical Description:	White powder
Storage and Stability:	Store desiccated as supplied at -20°C for up to 2 years. Store solutions at -20°C for up to 3 months.

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