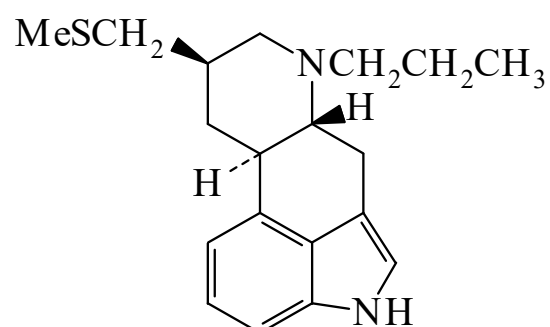




>>Entry Name: Pergolide, BAN, INN

Synonym(s): 8-[(Methylthio)methyl]-6-propylergoline, 9CI



CAS Registry Number: 66104-22-1

Molecular Formula: C₁₉H₂₆N₂S

Molecular Weight: 314.494

Accurate Mass: 314.181668

Percentage Composition: C 72.56%; H 8.33%; N 8.91%; S 10.20%

Biological Use/Importance: Semisynthetic ergotamide deriv. with strong dopamine (D₁ and D₂) agonist activity; currently under evaluation against Parkinson and hyperprolactinaemia characterised diseases. Neuroprotective effects, possibly via induction of striatal superoxide dismutase

Melting Point: Mp 206-209°

Calculated Log P Data: Log P 3.82 (uncertain value) (calc)

>>Derivative: Methanesulfonate

Synonym(s): Pergolide mesylate, USAN. Celance. Permax. Parkotil. Pharken. LY 127809

CAS Registry Number: 66104-23-2

Physical Description: Cryst.

Development Status: Launched 1988

Melting Point: Mp 225 dec.°

Hazard & Toxicity: LD₅₀ (rat, orl) 15 mg/kg. Exp. reprod. effects

Sigma: P8828

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