

Product Datasheet

Bromperidol

Catalog No. **BP-02181** · CAS **10457-90-6** · Form **free base** · Physical state **solid** · Color **White to yellow** · Version **1.0** ·
Revision **2026-09-04**

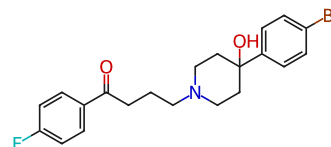
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Target Dopamine Receptor; Bacterial	Research area Infection; Neurological Disease
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Molecular formula **C₂₁H₂₃BrFNO₂**

Molecular weight **420.3150**

STRUCTURE



DESCRIPTION

Bromperidol (R-11333) possesses antipsychotic activity, with a high affinity for central dopamine receptors D2. Bromperidol can kill Mycobacteria in a synergistic manner with Spectinomycin .

BIOLOGICAL ACTIVITY

In Vivo

Bromperidol antagonises stereotyped behaviour and agitation induced by apomorphine or amphetamine, and inhibits conditioned reactions and learned intracranial self-stimulation in rats.

Bromperidol antagonises apomorphine-induced emesis and inhibits the conditioned avoidance response in dogs.

SOLUBILITY

soluble in DMSO

REFERENCES

- [1]. Benfield P, et al. Bromperidol. A preliminary review of its pharmacodynamic and pharmacokinetic properties, and therapeutic efficacy in psychoses. *Drugs*. 1988 Jun;35(6):670-84.
- [2]. Ramón-García S, et al. Synergistic drug combinations for tuberculosis therapy identified by a novel high-throughput screen. *Antimicrob Agents Chemother*. 2011 Aug;55(8):3861-9.