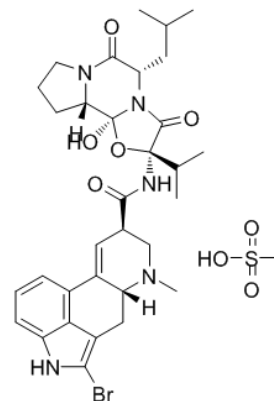


**Product Name** : Bromocriptine mesylate  
**Cat. No.** : PC-43160  
**CAS No.** : 22260-51-1  
**Molecular Formula** : C<sub>33</sub>H<sub>44</sub>BrN<sub>5</sub>O<sub>8</sub>S  
**Molecular Weight** : 750.7001  
**Target** : Dopamine Receptor  
**Solubility** : DMSO: ≥ 30 mg/mL



## Biological Activity

Bromocriptine (CB-154) is a **dopamine D2** receptor agonist (K<sub>i</sub>=3 nM) and various serotonin receptors, also inhibits the release of glutamate by reversing the glutamate GLT1 transporter.

Bromocriptine (CB-154) decreases body fat in animal and human models and increases lean muscle mass, improves glucose intolerance and insulin resistance, and reduces triglycerides and free fatty acids.

Bromocriptine (CB-154) also induces apoptosis and decreases colony formation in AML cells, shows synergy with standard agents and selectivity for the leukemic cell.

Bromocriptine (CB-154) reduces hyperphagia and adiposity in rats with diet-induced obesity.

## References

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Oda T, et al. Eur J Pharmacol. 2008 Nov 19;598(1-3):27-31.

Wacker J, et al. Psychophysiology. 2006 Jul;43(4):372-81.

Liberante FG, et al. Oncotarget. 2016 Feb 9;7(6):6609-19.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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