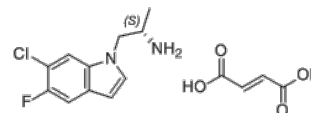


**Product Name** : Ro 60-0175 fumarate  
**Cat. No.** : PC-35019  
**CAS No.** : 169675-09-6  
**Molecular Formula** : C<sub>15</sub>H<sub>16</sub>ClFN<sub>2</sub>O<sub>4</sub>  
**Molecular Weight** : 342.751  
**Target** : 5-HT Receptor  
**Solubility** : 10 mM in DMSO



## Biological Activity

Ro 60-0175 fumarate is a potent, selective **5-HT<sub>2C</sub>** receptor agonist with pK<sub>i</sub> of 9, 7.5, 5.4, 5.2 and 5.6 for human 5-HT<sub>2C</sub>, 2A, 1A, 6 and 7 receptors respectively.

Ro 60-0175 induces hypolocomotion in rats at doses greater than 0.5 mg/kg s.c.

Ro 60-0175 (0.3 and 1 mg/kg s.c.) simultaneously reduces both unpunished and punished lever pressing, a profile consistent with sedation, induces sedative-like responses via 5-HT<sub>2C</sub> receptor activation in vivo.

## References

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Kennett G, et al. Eur J Pharmacol. 2000 Jan 10;387(2):197-204.

Jenck F, et al. Eur Neuropsychopharmacol. 1998 Aug;8(3):161-8.

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

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