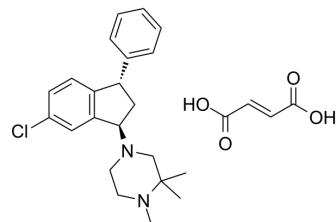


## Zicronapine fumarate

Cat. No.:	HY-14827A
CAS No.:	170381-17-6
Molecular Formula:	C <sub>26</sub> H <sub>31</sub> ClN <sub>2</sub> O <sub>4</sub>
Molecular Weight:	470.99
Target:	Dopamine Receptor; 5-HT Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Zicronapine (Lu 31-130) fumarate is an antipsychotic medication with a strong pro-cognitive effect in animal models and the potential to treat a number of neurological and psychiatric diseases. Zicronapine (Lu 31-130) fumarate has potent antagonistic effects at dopamine D1/D2, and serotonin 5-HT2A receptors<sup>[1][2]</sup>.

### REFERENCES

[1]. Lopez De Diego, Heidi. et al. Succinate and malonate salts of trans-4-(1R,3S)-6-chloro-3-phenylindan-1-yl)-1,2,2-trimethylpiperazine and their preparation, pharmaceutical compositions, and use as medicaments, particularly as antipsychotics. WO2005016900A1

[2]. Lundbeck H. A/S. The clinical phase III programme commenced on zicronapine. 20 Jan 2011.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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