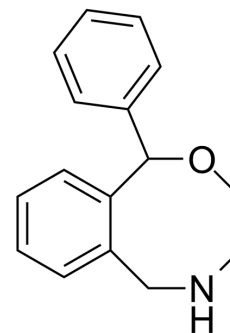


## N-Desmethylnefopam

Cat. No.:	HY-133115
CAS No.:	46868-19-3
Molecular Formula:	C <sub>16</sub> H <sub>17</sub> NO
Molecular Weight:	239.31
Target:	β-catenin
Pathway:	Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

N-Desmethylnefopam is the main metabolite of Nefopam. N-Desmethylnefopam is a centrally-acting but non-opioid analgesic agent, for the relief of moderate to severe pain. Nefopam targets β-catenin protein level in mesenchymal cells in-vitro and in-vivo<sup>[1][2][3]</sup>.

### REFERENCES

- [1]. Mittur A. A Simultaneous Mixed-Effects Pharmacokinetic Model for Nefopam, N-desmethylnefopam, and Nefopam N-Oxide in Human Plasma and Urine. *Eur J Drug Metab Pharmacokinet.* 2018 Aug;43(4):391-404.
- [2]. Kim KH, et al. Rediscovery of nefopam for the treatment of neuropathic pain. *Korean J Pain.* 2014 Apr;27(2):103-11.
- [3]. Baht GS, et al. Pharmacologically targeting beta-catenin for NF1 associated deficiencies in fracture repair. *Bone.* 2017 May;98:31-36.

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

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