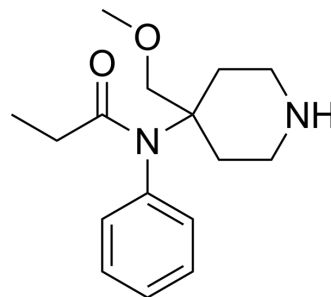


Norsufentanil

Cat. No.:	HY-119536
CAS No.:	61086-18-8
Molecular Formula:	C ₁₆ H ₂₄ N ₂ O ₂
Molecular Weight:	276.37
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Sufentanil is a potent synthetic opioid analgesic. Norsufentanil, a metabolite of sufentanil, is produced by the oxidative N-dealkylation of the liver cytochrome P450 isomer. Norsufentanil has analgesic activity^{[1][2]}.

REFERENCES

[1]. Nami M, et al. Synthesis of novel norsufentanil analogs via a four-component Ugi reaction and in vivo, docking, and QSAR studies of their analgesic activity. *Chem Biol Drug Des.* 2018 Apr;91(4):902-914.

[2]. Tateishi T, et al. Identification of human liver cytochrome P-450 3A4 as the enzyme responsible for fentanyl and sufentanil N-dealkylation. *Anesth Analg.* 1996 Jan;82(1):167-72.

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

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