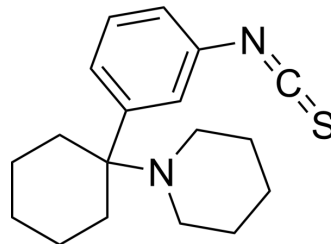


Metaphit

Cat. No.:	HY-100998
CAS No.:	96316-00-6
Molecular Formula:	C ₁₈ H ₂₄ N ₂ S
Molecular Weight:	300.46
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Metaphit is a specific PCP antagonist and site-directed acylating agent of the [3H]phencyclidine binding site in rat brain homogenates^[1]. Metaphit prevents PCP-induced locomotor behavior through presynaptic mechanisms^[2].

REFERENCES

[1]. E D French, et al. Metaphit, a proposed phencyclidine (PCP) antagonist, prevents PCP-induced locomotor behavior through mechanisms unrelated to specific blockade of PCP receptors. *Eur J Pharmacol.* 1987 Aug 21;140(3):267-74

[2]. M F Rafferty, et al. A specific acylating agent for the [3H]phencyclidine receptors in rat brain. *FEBS Lett.* 1985 Feb 25;181(2):318-22.

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

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