
Product Data Sheet

In mice, AM404 (10 mg/kg) significantly prolonged and enhanced anandamide-induced analgesia [1]. In rats, AM404 inhibited motor behaviors induced by quinpirole, a D2 family receptor agonist. In juvenile spontaneously hypertensive rats, AM404 inhibited hyperactivity [4].

References:

- [1]. Beltramo M, Stella N, Calignano A, et al. Functional role of high-affinity anandamide transport, as revealed by selective inhibition. *Science*, 1997, 277(5329): 1094-1097.
- [2]. Zygmunt PM, Chuang H, Movahed P, et al. The anandamide transport inhibitor AM404 activates vanilloid receptors. *Eur J Pharmacol*, 2000, 396(1): 39-42.
- [3]. Caballero FJ, Soler-Torronteras R, Lara-Chica M, et al. AM404 inhibits NFAT and NF- κ B signaling pathways and impairs migration and invasiveness of neuroblastoma cells. *Eur J Pharmacol*, 2015, 746: 221-232.
- [4]. Beltramo M, de Fonseca FR, Navarro M, et al. Reversal of dopamine D(2) receptor responses by an anandamide transport inhibitor. *J Neurosci*, 2000, 20(9): 3401-3407.

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

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