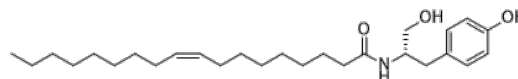


Product Name : OMDM-1
Cat. No. : PC-27604
CAS No. : 616884-62-9
Molecular Formula : C₂₇H₄₅NO₃
Molecular Weight : 431.66
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

OMDM-1 is a potent, selective inhibitor of **anandamide cellular uptake** (ACU) with K_i of 2.4 μM, inhibits anandamide transport.

OMDM-1 shows poor affinity for either CB(1) (K_i>5 μM) or CB(2) (K_i>10 μM) receptors in rat brain and spleen membranes.

OMDM-1 also shows no activity at vanilloid receptors in the intracellular calcium assay carried out with intact cells over-expressing the human VR1 (EC₅₀> or = 10 μM), and no activity as inhibitors of FAAH in N18TG2 cell membranes.

References

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Fowler CJ, et al. *Eur J Pharmacol*. 2004 May 10;492(1):1-11.

Ortar G, et al. *Biochem Pharmacol*. 2003 May 1;65(9):1473-81.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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