

## OMDM-6

## Chemical Properties

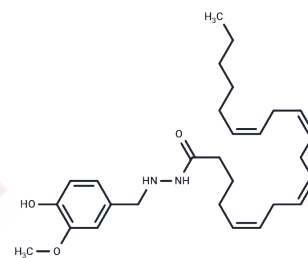
CAS No. : 616884-67-4

Formula: C<sub>28</sub>H<sub>42</sub>N<sub>2</sub>O<sub>3</sub>

Molecular Weight: 454.64

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	OMDM-6 is a dual agonist of TRPV1 (EC <sub>50</sub> = 75 nM) and CB1 (K <sub>i</sub> = 3.2 μM). OMDM-6 inhibits anandamide cellular uptake with a K <sub>i</sub> of 7.0 μM.
Targets(IC <sub>50</sub> )	Cannabinoid Receptor, Endogenous Metabolite, TRP/TRPV Channel

## Solubility Information

Solubility	DMSO: 60 mg/mL (131.97 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1995 mL	10.9977 mL	21.9954 mL
5 mM	0.4399 mL	2.1995 mL	4.3991 mL
10 mM	0.220 mL	1.0998 mL	2.1995 mL
50 mM	0.044 mL	0.220 mL	0.4399 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Ortar G, et al. Novel selective and metabolically stable inhibitors of anandamide cellular uptake. *Biochem Pharmacol.* 2003 May 1;65(9):1473-81.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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