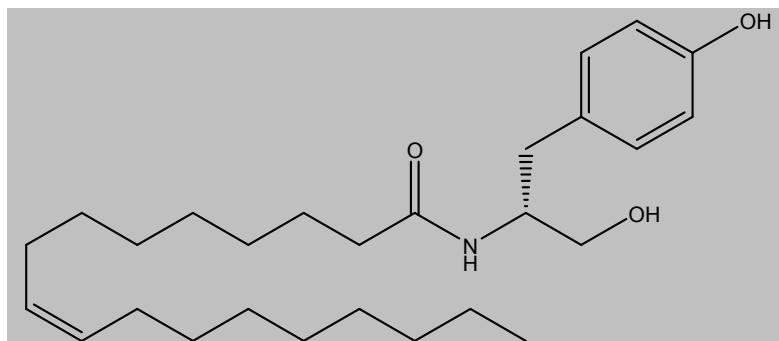


Certificate Of Analysis
Quality Control Testing and Research ApplicationCOA Preparation Date: 24/10/2014
COA Revision Date: 24/10/2017

Product: OMDM-2
Cat. No.: BN0399
Batch No.: 0399BN/01
Chemical Name: (9Z)-N-[1-((R)-4-Hydroxybenzyl)-2-hydroxyethyl]-9-octadecenamide

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₂₇H₄₅NO₃
Batch Molecular Weight: 431.65
CAS No.:
Physical Appearance: White solid
Melting Point: 91 - 93° C
Solubility: Soluble to 10 mM in DMSO or to 10 mM in ethanol
Storage: +4° C
Batch Molecular Structure:



Product Description: Metabolically stable anandamide cellular uptake inhibitor ($K_i = 3 \mu\text{M}$) with minimal activity against FAAH ($K_i > 50 \mu\text{M}$). Displays low affinity for cannabinoid CB₁ and CB₂ and vanilloid VR1 receptors ($K_i = 5.1 \mu\text{M}$ and $> 10 \mu\text{M}$, $\text{EC}_{50} = 10 \mu\text{M}$ respectively).

References: 1. Ortar et al. (2003) Biochem Pharmacol 7624:1; 2. de Lago et al. (2004) Eur J Pharmacol 484:249

- CAUTION - Not fully tested. For Research use only. Not for human use. -



BIOTREND Chemicals AG
Unterdorfstr. 21
CH-8602 Wangen / Zurich
Switzerland
Tel + 41 44 805 76 76
Fax +41 44 805 76 77
Email: techserv@biotrend.ch
www.biotrend.ch

Certificate Of Analysis
Quality Control Testing and Research Application

COA Preparation Date: 24/10/2014
COA Revision Date: 24/10/2017

BN0399 OMDM-2

2. ANALYTICAL DATA

HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: HPLC Assay: > 98% (complies).

- CAUTION - Not fully tested. For Research use only. Not for human use. –