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# **DATASHEET**

Pellitorine

#### **Product overview**

Name Pellitorine
Cat No HB4019
Purity >97%

**Description** ACAT (Acyl-CoA cholesteryl acyl transferase) inhibitor. Tingling-inducing agent.

### **Biological Data**

Biological description Tingling-inducing agent. Excellent stable model compound for sensory studies. Exerts same profile as

the unstable compound hydroxy-alpha-sanshool. Shows larvicidal, antimycobacterial and antituberculosis activity. alpha-Glucosidase inhibitor used in diabetes mellitus, cancer, infection and inflammatory research. ACAT (Acyl-CoA cholesteryl acyl transferase) inhibitor. Potential anti-cancer

lead compound. Anti-thrombotic. Anti-septic. Antiprotozoal, antimalarial activity.

## **Solubility & Handling**

Storage instructions

Important

+4°C

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not

for human or veterinary use.

#### **Chemical Data**

Chemical name (2E,4E)-N-(2-Methylpropyl)-2,4-decadienamide

Molecular Weight 223.4 Chemical structure

CAS Number 18836-52-7

PubChem identifier

 $\begin{array}{ll} \textbf{SMILES} & \textbf{CCCCC/C=C/C=C/C=O)NCC(C)C} \\ \textbf{InChiKey} & \textbf{MAGQQZHFHJDIRE-BNFZFUHLSA-N} \\ \end{array}$ 

Appearance Yellow to beige solid