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# DATASHEET

Pellitorine

## Product overview

|                    |  |
|--------------------|--|
| <b>Name</b>        | Pellitorine  |
| <b>Cat No</b>      | HB4019   |
| <b>Purity</b>      | >97%   |
| <b>Description</b> | ACAT (Acyl-CoA cholesteryl acyl transferase) inhibitor. Tingling-inducing agent. |

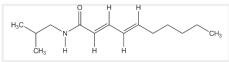
## Biological Data

|                               |  |
|-------------------------------|--|
| <b>Biological description</b> | 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

|                             |   |
|-----------------------------|---|
| <b>Storage instructions</b> | +4 °C   |
| <b>Important</b>            | This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use. |

## Chemical Data

|                           |   |
|---------------------------|---|
| <b>Chemical name</b>      | (2E,4E)-N-(2-Methylpropyl)-2,4-decadienamide  |
| <b>Molecular Weight</b>   | 223.4   |
| <b>Chemical structure</b> |  |
| <b>CAS Number</b>         | 18836-52-7  |
| <b>PubChem identifier</b> | 0   |
| <b>SMILES</b>             | CCCCC/C=C/C=C/C(=O)NCC(C)C  |
| <b>InChiKey</b>           | MAGQQZHFHJDIRE-BNFZFUHLSA-N   |
| <b>Appearance</b>         | Yellow to beige solid   |