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DATASHEET

Penicillide

Product overview

 Name
 Penicillide

 Cat No
 HB4020

 Purity
 >95%

Description Acyl-CoA-cholesterol acyltransferase (ACAT) inhibitor

Biological Data

Biological description Plant growth inhibitor. Acyl-CoA-cholesterol acyltransferase (ACAT) inhibitor. Anticancer compound.

Cytotoxic. Non-peptidic oxytocin receptor antagonist. Calpain inhibitor.

Solubility & Handling

Storage instructions +4°C

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions Stable for ambient temperature shipping. Follow storage instructions on receipt.

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

for human or veterinary use.

Chemical Data

Molecular Weight 372.4 Chemical structure

O OMe OH CH₃
CH₃

CAS Number 55303-92-9

PubChem identifier

SMILES COc1c(ccc2Oc3c(O)cc(C)cc3COC(=O)c12)[C@@H](O)CC(C)C

InChiKey UOWGLBYIKHMCIS-UHFFFAOYAA

Appearance Off-white solid