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DATASHEET

Cytostatin

Product overview

 Name
 Cytostatin

 Cat No
 HB3864

 Purity
 >75%

Description Potent, selective PP2A inhibitor

Biological Data

Biological description Potent and selective protein phosphatase 2A (PP2A) inhibitor. Cell adhesion inhibitor. Inhibits the

adhesion of B16 melanoma cells to laminin and collagen type IV in a dose dependent manner but not

to fibronectin. Antitumor agent. Antimetastatic. Apoptosis inducer.

Solubility & Handling

Solubility overview Soluble in DMSO, and in water

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

Chemical name 5,6-Dihydro-6-(6-hydroxy-1,5-dimethyl-4-(phosphonooxy)-7,9,11-tridecatrienyl)-5-methyl-2H-

pyran-2-one

Molecular Weight 450.4

Chemical structure

OH O=P-ONa* O OH OH OH3

Molecular Formula $C_{21}H_{32}O_7PNa$ CAS Number457070-06-3

InChiKey DXWSCXWALSKXSD-ZHCXJCEOSA-M

Appearance Yellowish powder