DIF-1

Ultra-pure; Induces cell differentiation

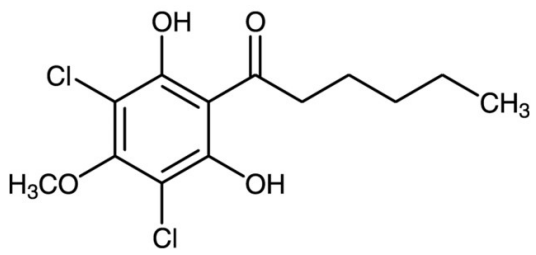
Supresses cell growth and promotes retinoic acid-induced cell differentiation in HL-60 cells. It is a known inhibitor of Wnt/β-Catenin signaling pathway.

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BML-GR324-0100	100µg
BML-GR324-0500	500µg

Manuals, SDS & CofA View Online »


OH
O
Cl
CH3
H3CO
OH
Cl

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	1-(3,5-Dichloro-2,6-dihydroxy-4-methoxyphenyl) hexan-1-one, Differentiation-inducing factor-1
Appearance	Pale yellow solid.
CAS	111050-72-7
Couple Target	Wnt
Couple Type	Inhibitor
Formula	$C_{13}H_{16}Cl_2O_4$
MW	307.2
Purity	≥98% (HPLC)
Solubility	Soluble in ethanol.

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