12-Methoxydodecanoic acid

Myristate analog

A myristate analog which has similar chain length but reduced hydrophobicity compared to myristate. Inhibits replication of HIV-1. Its specific mechanism of action is not clear but it is believed to either inhibit the activity of N-myristoyltransferase or modulate the function of target acylated proteins.

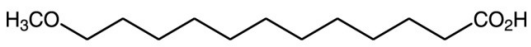
Ordering Information

Order Online »

BML-G234-0010	10mg
BML-G234-0050	50mg

Manuals, SDS & CofA

View Online »

H3CO
CO2H

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Store, as supplied, at room temperature for up to 1 year. Store solutions at -20°C for up to 6 months.
Long Term Storage	Ambient
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	White to off-white solid.
CAS	92169-28-3
Formula	$C_{13}H_{26}O_3$
MW	230.3
MeltingPoint	45-46°C
Purity	≥98% (TLC)
Solubility	Soluble in ethanol (25 mg/mL) and DMSO (25 mg/mL).

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