C16 Ceramide

Endogenous ceramide

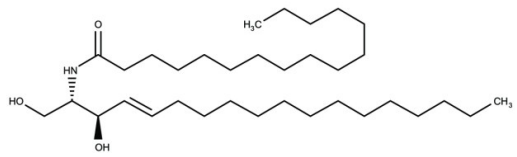
An abundant molecular species of endogenous ceramide. It induces phosphorylation of epidermal growth factor receptor on Thr^{669} in A-431 cells by stimulation of ceramide-activated protein kinase and activates NF-κB at concentrations as low as 50 nM. Activates PKCζ.

Citations: 6 View Online »

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BML-SL115-0025	25mg

Manuals, SDS & CofA View Online »


O
H3C
HN
HO
CH3
OH

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stable for at least 1 year after receipt when stored, as supplied, at -20°C. Stock solutions are stable for up to 3 months at -20°C.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	N-Palmitoyl-D-erythro-sphingosine, N-Hexadecanoyl-D-erythro-sphingosine, N-Palmitoyl ceramide
Appearance	Solid.
CAS	24696-26-2
Couple Target	Ceramide-activated protein kinase, NF-kappaB, PKC
Couple Type	Activator
Formula	$C_{34}H_{67}NO_3$
MW	537.9
Purity	≥98% (TLC)
Solubility	Soluble in 100% ethanol (5mg/ml warm).

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