3-O-Methyl-Sphingomyelin

Sphingomyelinase inhibitor

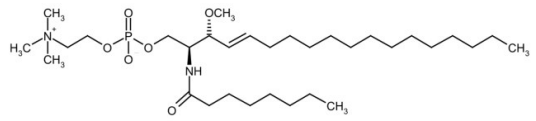
3-O-Methyl-Sphingomyelin is a novel selective inhibitor of neutral sphingomyelinase, (K_i=37 μM). It is cell-permeable and does not inhibit acid sphingomyelinase.

Citations: 6 View Online »

Ordering Information Order Online »

BML-SL225-0001	1mg
BML-SL225-0005	5mg

Manuals, SDS & CofA View Online »


CH3
H3C
N+
CH3
O
O
P
O
O
OCH3
NH
O
CH3
CH3

Handling & Storage

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

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	White to off-white solid.
Couple Target	Sphingomyelinase
Couple Type	Inhibitor
Formula	$C_{32}H_{65}N_2O_6P$
Identity	Determined by NMR.
MW	604.8
Purity	≥98% (TLC)
Solubility	Soluble in ethanol (>25 mg/ml) or DMSO (20 mg/ml@50°C).

Last modified: May 29, 2024

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.