Benzylphosphonic acid-$(AM)_2$

PTP inhibitor

Benzylphosphonic acid-$(AM)_2$ is a bis-acetoxymethyl ester (AM) derivative of benzylphosphonic acid which is cell permeable and is converted to the active phosphonic acid via intracellular esterase-catalyzed cleavage of the AM esters.

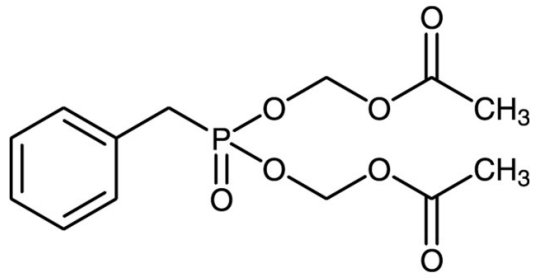
Ordering Information

Order Online »

BML-EI245-0010	10mg

Manuals, SDS & CofA

View Online »


O
O
CH3
P
O
O
O
CH3
O

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Store, as supplied, at -20C for up to 1 year. Store solutions at -20ºC for up to 3 months.
Handling	Avoid alkaline media (pH>8).
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	White solid.
CAS	200716-68-3
Couple Target	PTP
Couple Type	Inhibitor
Formula	$C_{13}H_{17}O_7P$
MW	316.3
MeltingPoint	38-39°C
Purity	≥98% (TLC)
Solubility	Soluble in ethanol (20 mg/ml) or DMSO (20 mg/ml).

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.