Hydroxy-2-naphthalenylmethylphosphonic acid

Insulin receptor inhibitor

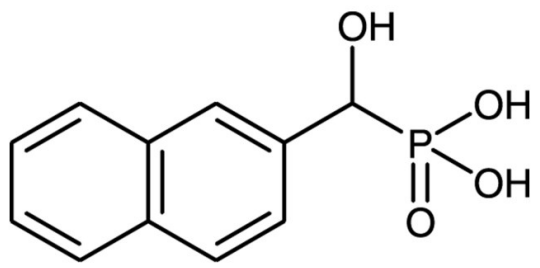
HNMPA is a membrane impermeable inhibitor of insulin receptor tyrosine kinase (IC50 = 100μM); in rat adipocytes (IC50 = 10μM). Inhibits serine and tyrosine autophosphorylation by the human insulin receptor.

Citations: 2 View Online »

Ordering Information Order Online »

BML-EI247-0025	25mg

Manuals, SDS & CofA View Online »

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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 solid.
CAS	132541-52-7
Couple Target	Insulin receptor
Couple Type	Inhibitor
Formula	$C_{11}H_{11}O_4P$
MW	238.2
MeltingPoint	≥250°C dec.
Purity	≥98% (HPLC)
Solubility	Soluble in 100% ethanol (25mg/ml), DMSO (25ml/ml) or 5% Sodium bicarbonate (25mg/ml).

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