PI 3K-SH2-OMT

PI3 kinase inhibitor

This unique SH2 domain ligand is derived from the sequence flanking Tyr ^{751} of the PDGF receptor. It inhibits the PI 3-kinase p85 C-terminal SH2 domain (IC_{50}=14.2 µM). It contains the nonhydrolyzable phosphotyrosine mimetic L-O-(2-malonyl)tyrosine (OMT) and is provided as the trimethyl ester for greater cell permeability.

Ordering Information

Order Online »

BML-ST425-0500	0.5mg

Manuals, SDS & CofA

View Online »

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	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	Yellow solid.
Formulation	Lyophilized.
MW	922.1
Purity	≥98% (TLC)
Sequence	Ac-Asp-Tyr(2-malonyl)-Val-Pro-Met-Leu-NH_2 trimethyl ester
Solubility	Soluble in DMSO (0.5 mg/ml) or ethanol (0.3 mg/ml).

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