Cantharidic acid

PP2A inhibitor

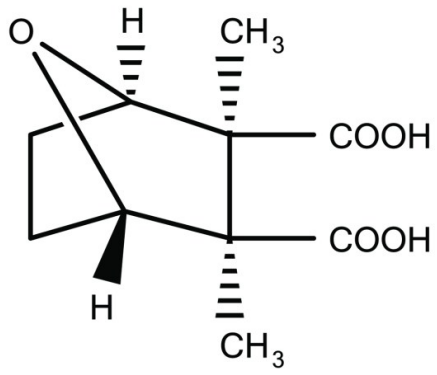
Potent and selective inhibitor of PP2A, IC_{50}=53nM (IC_{50} for PP1=562nM). Useful for inhibiting PP1 and PP2A during purification of phosphorylated proteins.

Citations: 3 View Online »

Ordering Information Order Online »

BML-PR106-0010	10mg
BML-PR106-0050	50mg

Manuals, SDS & CofA View Online »


O
H
CH3
COOH
COOH
H
CH3

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Store, as supplied, at room temperature for up to 5 years. Store solutions at -20°C for up to 3 months.
Long Term Storage	Ambient
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	White solid.
CAS	28874-45-5
Couple Target	Serine/threonine-protein phosphatase
Couple Type	Inhibitor
Formula	$C_{10}H_{14}O_5$
MW	214.2
MeltingPoint	216-218°C
Purity	≥98% (TLC)
Solubility	Soluble in DMSO (25mg/ml) or ethanol (10mg/ml warm).

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