Chaetomellic acid A

Farnesyltransferase inhibitor

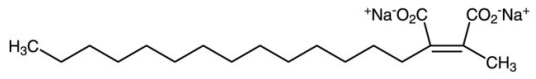
Potent inhibitor of farnesyltransferase in isolated enzyme assays (IC_{50} =55nM) but is inactive in whole cells. Inhibition of farnesyltransferase is selective over geranylgeranyltransferase I and II (IC_{50}=92μM and 34μM respectively).

Citations: 2 View Online »

Ordering Information Order Online »

BML-G229-0005	5mg
BML-G229-0025	25mg

Manuals, SDS & CofA View Online »


+Na-O2C
CO2-Na+
H3C
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.
CAS	148796-51-4
Couple Target	Farnesyltransferase
Couple Type	Inhibitor
Formula	$C_{19}H_{32}O_4$. 2Na
MW	370.4
MeltingPoint	>315°C
Purity	≥98% (TLC)
Solubility	Soluble in warm water (2mg/ml, slightly cloudy).
Source	Synthetic.

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