Swainsonine

Lysosomal alpha-mannosidase inhibitor

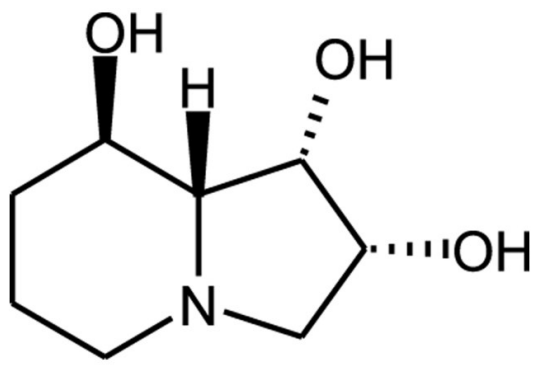
Reversibly inhibits the active site of lysosomal α-mannosidase. Also inhibits the growth of tumors and prevents metastasis in murine models. Could inhibit cell proliferation *in vitro* and the growth of human gastric carcinoma *in vivo*. Blocks the processing of high mannose oligosaccharides to form complex type oligosaccharides.^Immunomodulator.

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Ordering Information Order Online »

BML-S112-0001	1mg

Manuals, SDS & CofA View Online »


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Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stable for at least 1 year after receipt when stored at +4°C. Stock solutions are stable for up to 3 months at -20°C.
Long Term Storage	+4°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	8α,β-Octahydroindolizidine-1α,2α,8β-triol
Appearance	White to off-white solid.
CAS	72741-87-8
Couple Target	Lysosomal alpha-mannosidase, Mannosidase
Couple Type	Inhibitor
Formula	$C_8H_{15}NO_3$
MW	173.2
Purity	≥98% (TLC)
Solubility	Soluble in 100% ethanol, DMSO, methanol or water (10mg/ml).

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