3-Methyladenine

PI3 kinase inhibitor

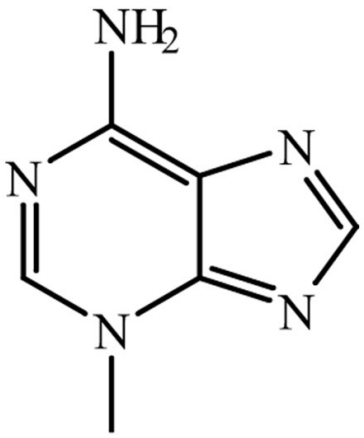
PI3 kinase inhibitor and a well-known inhibitor of autophagy. This compound has been shown to induce autophagy under nutrient-rich conditions as well as inhibiting starvation-induced autophagy due to differential effects on class I versus class III PI3 kinase.

Citations: 13 View Online »

Ordering Information Order Online »

BML-AP502-0025	25mg

Manuals, SDS & CofA View Online »

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Solutions can be stored at -20°C for up to 3 months.
Handling	Solutions can be stored at -20°C for up to 3 months.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	6-Amino-3-methylpurine
Appearance	White solid.
CAS	5142-23-4
Couple Target	PI3 kinase
Couple Type	Inhibitor
Formula	$C_6H_7N_5$
Identity	Determined by NMR.
MW	149.2
Purity	≥98% (HPLC)
RTECS	AU6520000
Solubility	Soluble in DMSO (10 mg/ml) or 100% ethanol (5 mg/ml, warm).

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