PRODUCT: 3-Methyladenine

ALTERNATE NAME: 3-Methyl-3\textsubscript{H}-purin-6-amine; 3-MA; NSC 66389

CATALOG #: 2249-25, 100

AMOUNT: 25 mg, 100 mg

STRUCTURE:

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MOLECULAR FORMULA: C\textsubscript{6}H\textsubscript{7}N\textsubscript{5}

MOLECULAR WEIGHT: 149.15

CAS NUMBER: 5142-23-4

APPEARANCE: White solid

SOLUBILITY: DMSO (50 mM)

PURITY: ≥98%

STORAGE: At -20°C. Protect from light and moisture

DESCRIPTION: Commonly used as a specific inhibitor of autophagic sequestration. 3-MA inhibits autophagy by blocking autophagosome formation via the inhibition of type III Phosphatidylinositol 3-kinases (PI-3K).


RELATED PRODUCTS:
- ATM Kinase Inhibitor, KU-55933 (Cat. No. 1685-5)
- Bafilomycin A1 (Cat. No. 1829-50, 250)
- Chloroquine diphosphate (Cat. No. 1825-100, 500)
- Go6976 (Cat. No. 1711-500)
- EZSolution\textsuperscript{TM} Go6976 (Cat. No. 1785-500)
- Spautin-1 (Cat. No. 2037-5, 25)

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

USAGE: FOR RESEARCH CH USE ONLY! Not to be used in humans