

3-Methyladenine

货号: M9389

储存条件: -20 保存, 有效期 3 年

产品描述

3-Methyladenine (3-MA) is a PI3K inhibitor that selectively inhibits class IB PI3K γ (IC₅₀=60 μ M) and class III VPS34 (IC₅₀=25 μ M). 3-Methyladenine inhibits autophagy.

产品性质

别名	NSC 66389, 3-甲基腺嘌呤, 3-MA	
CAS 号	5142-23-4	
分子式	C ₆ H ₇ N ₅	
分子量	149.15	
密度	1.6g/cm ³	
颜色	白	
溶解度	DMSO	10.9 mg/mL (73.08 mM), Sonication is recommended.
	Water	3 mg/mL (20.11 mM), Sonication and heating are recommended. (The compound is unstable in solution, please use soon.)
	Ethanol	4 mg/mL (26.82 mM), Sonication is recommended. The compound is unstable in solution, please use soon.

储存液制备	质量	1 mg	5 mg	10 mg	50 mg
	1 mM	6.7047 mL	33.5233 mL	67.0466 mL	335.2330 mL
	5 mM	1.3409 mL	6.7047 mL	13.4093 mL	67.0466 mL
	10 mM	0.6705 mL	3.3523 mL	6.7047 mL	33.5233 mL
	20 mM	0.3352 mL	1.6762 mL	3.3523 mL	16.7616 mL

