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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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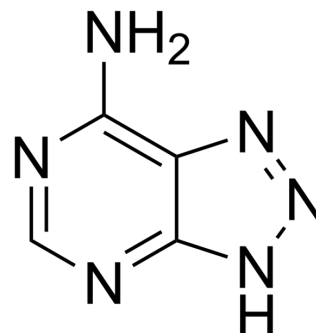
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8-Azaadenine

Cat. No.: HY-W008550
CAS No.: 1123-54-2
Molecular Formula: C₄H₄N₆
Molecular Weight: 136.11
Target: Xanthine Oxidase
Pathway: Metabolic Enzyme/Protease
Storage: 4°C, protect from light
 * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 25 mg/mL (183.67 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		7.3470 mL	36.7350 mL	73.4700 mL
		5 mM		1.4694 mL	7.3470 mL	14.6940 mL
		10 mM		0.7347 mL	3.6735 mL	7.3470 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (18.37 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	8-Azaadenine is a Xanthine Oxidase inhibitor (IC ₅₀ = 0.54 μM) ^[1] .
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REFERENCES

[1]. Sheu SY, et al. Inhibition of xanthine oxidase by synthetic cytokinin analogues. Anticancer Res. 1997 Mar-Apr;17(2A):1043-9.

Caution: Product has not been fully validated for medical applications. For research use only.

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