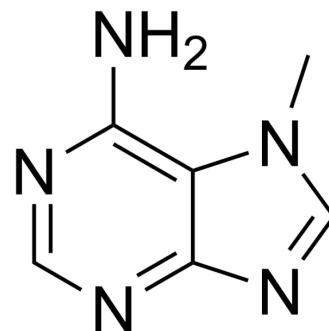


## 7-Methyladenine

Cat. No.:	HY-116496
CAS No.:	935-69-3
Molecular Formula:	C <sub>6</sub> H <sub>7</sub> N <sub>5</sub>
Molecular Weight:	149.15
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 5.56 mg/mL (37.28 mM); ultrasonic and warming and adjust pH to 3 with 1M HCl and heat to 60°C)

Preparing Stock Solutions	Solvent		1 mg	5 mg	10 mg
	Concentration	Mass			
	1 mM		6.7047 mL	33.5233 mL	67.0466 mL
	5 mM		1.3409 mL	6.7047 mL	13.4093 mL
	10 mM		0.6705 mL	3.3523 mL	6.7047 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

7-Methyladenine is a compound that can be isolated from *Isodictya erinacea*<sup>[1]</sup>.

### REFERENCES

[1]. Moon B, et al. Purine and nucleoside metabolites from the Antarctic sponge *Isodictya erinacea*. *J Nat Prod.* 1998 Jan;61(1):116-8.

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

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