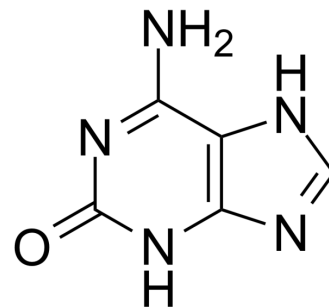


## Isoguanine

Cat. No.:	HY-124143
CAS No.:	3373-53-3
Molecular Formula:	C <sub>5</sub> H <sub>5</sub> N <sub>5</sub> O
Molecular Weight:	151.13
Target:	Nucleoside Antimetabolite/Analog
Pathway:	Cell Cycle/DNA Damage
Storage:	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



### SOLVENT & SOLUBILITY

In Vitro	DMSO : < 1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble or slightly soluble)
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### BIOLOGICAL ACTIVITY

Description	Isoguanine is a purine base that is an isomer of Guanine. A building block in organic synthesis.
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### REFERENCES

[1]. Bande O, et al. Isoguanine and 5-methyl-isocytosine bases, in vitro and in vivo. Chemistry. 2015 Mar 23;21(13):5009-22.

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

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