

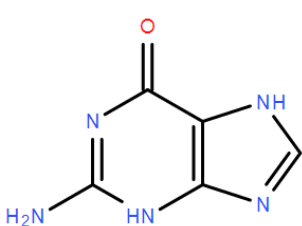
## Certificate of Analysis

Target	Inhibitors & Agonists>>Others>>Other Targets
Cat.No	DCN-023
Name	Guanine

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## Chemical Properties

CAS	73-40-5
Formula	C <sub>5</sub> H <sub>5</sub> N <sub>5</sub> O
MW	151.13
Storage	4°C for 1 year, -20°C for more than 2 years
Structure	 <p>The image shows the chemical structure of Guanine, a purine base. It consists of a fused bicyclic ring system: a six-membered imidazole ring fused to a five-membered imidazole ring. The six-membered ring has a carbonyl group (=O) at the 6-position and an amino group (-NH<sub>2</sub>) at the 2-position. The five-membered ring has a hydrogen atom on the nitrogen at the 1-position and a nitrogen atom at the 3-position.</p>
Purity	>98%, Standard References Grade

**Website:**  
www.dcchemicals.com