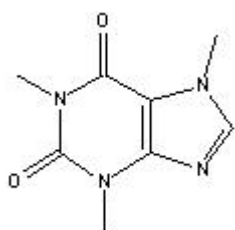


## TECHNICAL INFORMATION

Catalog Number: 101194

**Caffeine monohydrate**

**Structure:**



**Molecular Formula:** C<sub>8</sub>H<sub>10</sub>N<sub>4</sub>O<sub>2</sub> · H<sub>2</sub>O

**Molecular Weight:** 212.2

**CAS # :** 58-08-2

**Synonyms:** 1,3,7-Trimethylxanthine; 1,3,7-Trimethyl-2,6-dioxopurine (monohydrate)

**Physical Description:** White powder

**Description:** Protects against virus induction and chemical carcinogenesis

**Assay:** > 99%

**Solubility:** Soluble in hot water

**References:**

- *Merck Index*, **12th Ed.**, 1674
- Rothwell, K., *Nature*, **252** 69-70 (1974)
- Yosh-Kura, H., *Nature*, **252**, 71 (1974)