

## SPECIFICATION

### 1,3-Dibromo-5,5-Dimethylhydantoin

Parameters	Specification
CAS Number	77-48-5
Appearance	White crystalline solid
Molecular Formula	C <sub>5</sub> H <sub>6</sub> Br <sub>2</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight	289.96 g/mol
Boiling Point	320 °C
Melting Point	190 °C
Flash Point	210 °C
Purity	98–99%
Refractive Index	1.57
Solubility	Slightly soluble in water; soluble in acetone and methanol
Uses	Disinfectant/biocide; pool and water treatment; halogen-releasing sanitizing agent

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