



## SYNCHEM INTERNATIONAL CO., LTD.

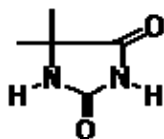
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### SPECIFICATION

#### *5,5-Dimethyl Hydantoin*

**CAS No.** : 77-71-4  
**Molecular weight** : 128.13  
**Molecular formula** : C<sub>5</sub>H<sub>8</sub>N<sub>2</sub>O<sub>2</sub>  
**Structural formula** :



#### Specification

**Purity** :  $\geq 99.0\%$   
**Appearance** : white-coloured Crystalline powder  
**Melting point** : 175-178°C  
**Water** :  $\leq 0.5\%$   
**UV Absorbance(360)** :  $\leq 0.024$   
**Hazen** : 4.5-6.0

**Usage** : It has antibacterial, antifungal, antiprotozoal, and anthelmintic activity. It is used in manufacturing pharmaceuticals especially anticonvulsant drugs such as phenytoin, ethosuximide, and methyphenytoin.

*Your need is our concern!*