Alloxan Monohydrate

Product ID  A4547
CAS No.  2244-11-3
Chemical Name  2,4,5,6(1H,3H)-pyrimidinetetrone monohydrate

Synonym  Alloxan

Formula  C₄H₂N₂O₄ • H₂O
Formula Wt.  160.08
Melting Point  255°C
Purity  ≥98%
Solubility  Soluble in water.

Store Temp  4°C
Ship Temp  Ambient

Description  Alloxan is an oxygenated pyrimidine and toxic analog of glucose. Alloxan destroys β cells and is used in research models to induce diabetes. This compound does not affect human cells.

References


Caution: This product is intended for laboratory and research use only. It is not for human or drug use.