

PRODUCT:**Hypoxanthine
Disodium salt****RELATED PRODUCTS:**Xanthine Oxidase Activity Colorimetric/Fluorometric Assay Kit (**K710**)**ALTERNATE NAME:**

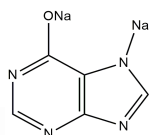
6-Hydroxypurine disodium; 6-Hydroxypurine disodium salt; 9H-Purin-6-ol disodium salt; 6(1H)-Purinone disodium salt; Purin-6(3H)-one disodium salt; 1,7-Dihydro-6H-purin-6-one disodium salt

CATALOG #:

B1185-1G, 5G

AMOUNT:

1 g, 5 g

STRUCTURE:**MOLECULAR FORMULA:**C₅H₂N₄O•2Na**MOLECULAR WEIGHT:**

180.08

CAS NUMBER:

199329-61-8

APPEARANCE:

White to off-white solid

SOLUBILITY:H₂O**PURITY:**

≥97% by assay

STORAGE:

Store at RT. Protect from air and moisture

DESCRIPTION:

Hypoxanthine is the purine base of the nucleoside inosine. Hypoxanthine may be used as a substrate to study the specificity and kinetics of hypoxanthine-guanine phosphoribosyl transferases. Also serves as a nutrient additive for a variety of cell culture applications involving bacterial, parasite (*Plasmodium falciparum*) and animal cells.

HANDLING:

Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

USAGE:**FOR RESEARCH CH USE ONLY! Not to be used in humans**