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## Product Datasheet

### Hypoxanthine FBM-10-5380

Article Name	Hypoxanthine
Biozol Catalog Number	FBM-10-5380
Supplier Catalog Number	10-5380
Alternative Catalog Number	FBM-10-5380-5G,FBM-10-5380-25G
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Nutrient additive for cell culture...
Molecular Weight	136.11
Purity	>98% by HPLC NMR (Conforms)
Form	Off-white solid
CAS Number	[68-94-0]
Formula	C <sub>5</sub> H <sub>4</sub> N <sub>4</sub> O
Application Notes	Hypoxanthine is a natural purine analog and a breakdown product of adenosine. <sup>1</sup> Together with aminopterin and thymidine, it is a component of HAT medium <sup>2</sup> , which is used to select clones during recombinant protein and antibody production, particularly important in bioprocessing. It is a biomarker of ischemia <sup>2,3</sup> , and it is used in malaria research as an essential nutrient for <i>P. Falciparum</i> <sup>4</sup> . It also can enable stem cell expansion. <sup>5</sup>