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Product Datasheet

Hypoxanthine, CAS [[68-94-0]] FBM-10-5380

Article Name	Hypoxanthine, CAS [[68-94-0]]
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 ₅ H ₄ N ₄ O
Application Notes	Hypoxanthine is a natural purine analog and a breakdown product of adenosine. ¹ Together with aminopterin and thymidine, it is a component of HAT medium ² , which is used to select clones during recombinant protein and antibody production, particularly important in bioprocessing. It is a biomarker of ischemia ^{2,3} , and it is used in malaria research as an essential nutrient for <i>P. Falciparum</i> ⁴ . It also can enable stem cell expansion. ⁵