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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                    | C5H4N4O  |
| 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> |