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Product Datasheet

6-Mercaptopurine, CAS [[6112-76-1]] FBM-10-4698

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| Article Name | 6-Mercaptopurine, CAS [[6112-76-1]] |
| Biozol Catalog Number | FBM-10-4698 |
| Supplier Catalog Number | 10-4698 |
| Alternative Catalog Number | FBM-10-4698-200MG,FBM-10-4698-1G |
| Manufacturer | Focus Biomolecules |
| Category | Biochemikalien |
| Product Description | Purine antimetabolite and immunomodulator... |
| Molecular Weight | 170.19 |
| Purity | >98% by HPLC NMR (Conforms) |
| Form | Yellow solid |
| CAS Number | [6112-76-1] |
| Formula | C5H4N4SH2O |
| Application Notes | Purine antimetabolite drug used to treat acute lymphocytic leukemia, Crohns disease, ulcerative colitis, and inflammatory bowel disease.1 It inhibits DNA synthesis by inhibiting the production of purine containing nucleotides. The immunomodulatory activity of 6-Mercaptopurine is mainly the result of the 6-MP metabolite 6-thioguanine triphosphate (6-TGTP) binding to small GTPase Rac1.2 |