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## Product Datasheet

### 6-Mercaptopurine FBM-10-4698

Article Name	6-Mercaptopurine
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. <sup>1</sup> 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. <sup>2</sup>