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Product Datasheet

5-Azacytidine, CAS [[320-67-2]] FBM-10-1267

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| Article Name | 5-Azacytidine, CAS [[320-67-2]] |
| Biozol Catalog Number | FBM-10-1267 |
| Supplier Catalog Number | 10-1267 |
| Alternative Catalog Number | FBM-10-1267-50MG,FBM-10-1267-250MG,FBM-10-1267-10MM/1MLDMSO |
| Manufacturer | Focus Biomolecules |
| Category | Biochemikalien |
| Product Description | DNA hypomethylation agent... |
| Molecular Weight | 244.21 |
| Purity | 98% by TLC, NMR (conforms) |
| Form | White solid |
| CAS Number | [320-67-2] |
| Formula | C8H12N4O5 |
| Application Notes | Specific inhibitor of DNA methyltransferase1. Incorporates into DNA and covalently reacts with and inhibits DNA methyltransferases. Induces demethylation and reactivation of silenced genes2. Increases stem cell reprogramming efficiency3. Induces cardiac differentiation of human mesenchymal stem cells by activating ERK4. Induces apoptosis in multiple myeloma cells via ATR-mediated DNA double strand breaks5. Cell permeable. |