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## Product Datasheet

### 5-Fluorouridine, CAS [[316-46-1]] FBM-10-1277

|                            |  |
|----------------------------|--|
| Article Name               | 5-Fluorouridine, CAS [[316-46-1]]  |
| Biozol Catalog Number      | FBM-10-1277  |
| Supplier Catalog Number    | 10-1277  |
| Alternative Catalog Number | FBM-10-1277-100MG, FBM-10-1277-250MG   |
| Manufacturer               | Focus Biomolecules   |
| Category                   | Biochemikalien   |
| Product Description        | Proapoptotic antiproliferative agent...  |
| Molecular Weight           | 262.19   |
| Purity                     | 98% by TLC, NMR (Conforms)   |
| Form                       | White solid  |
| CAS Number                 | [316-46-1]   |
| Formula                    | C <sub>9</sub> H <sub>11</sub> FN <sub>2</sub> O <sub>6</sub>  |
| Application Notes          | Inhibitor of ribozyme self-cleavage in mammalian cells. <sup>1</sup> Induces apoptosis in HCT-116 colorectal carcinoma cells causing diverse gene expression patterns suggesting that mechanisms besides global inhibition of RNA synthesis and processing contribute to 5-fluorouridine cytotoxicity. <sup>2</sup> Cell permeable and active in vivo. |