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## Product Datasheet

### Mitoxantrone, CAS [[65271-80-9]] BYT-ORB1300634

|                            |  |
|----------------------------|--|
| Article Name               | Mitoxantrone, CAS [[65271-80-9]]   |
| Biozol Catalog Number      | BYT-ORB1300634   |
| Supplier Catalog Number    | orb1300634   |
| Alternative Catalog Number | BYT-ORB1300634-1, BYT-ORB1300634-100, BYT-ORB1300634-200, BYT-ORB1300634-25, BYT-ORB1300634-50   |
| Manufacturer               | Biorbyt  |
| Category                   | Biochemikalien   |
| Product Description        | Mitoxantrone is a dual Topo II and PKC inhibitor (IC <sub>50</sub> =8.5 µM) with established antitumor activity. It is widely used in research models for leukemia, breast cancer, and hepatocellular carcinoma, supporting both in vitro mechanistic studies and in vi... |
| Molecular Weight           | 444.48   |
| Purity                     | 98.74% (May vary between batches)  |
| CAS Number                 | [65271-80-9]   |
| Formula                    | C <sub>22</sub> H <sub>28</sub> N <sub>4</sub> O <sub>6</sub>  |
| Target                     | Topoisomerase, Virus Protease, PKC, Apoptosis, Endogenous Metabolite   |
| Application Notes          | Solubility: Ethanol:< 1 mg/mL (insoluble or slightly soluble), 5% DMSO+95% Saline:2.37 mg/mL (5.33 mM), H <sub>2</sub> O:< 1 mg/mL (insoluble or slightly soluble), DMSO:88 mg/mL (197.98 mM), 10% DMSO+40% PEG300+5% Tween 80+45% Saline:0.15 mg/mL (0.34 mM)             |