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## Product Datasheet

### JC-1, CAS [[3520-43-2]] FBM-10-1634

|                            |  |
|----------------------------|--|
| Article Name               | JC-1, CAS [[3520-43-2]]  |
| Biozol Catalog Number      | FBM-10-1634  |
| Supplier Catalog Number    | 10-1634  |
| Alternative Catalog Number | FBM-10-1634-1MG,FBM-10-1634-5MG  |
| Manufacturer               | Focus Biomolecules   |
| Category                   | Biochemikalien   |
| Product Description        | Mitochondrial membrane potential probe...  |
| Molecular Weight           | 652.23   |
| Purity                     | 98% by HPLC, NMR (Conforms)  |
| Form                       | Brown solid  |
| CAS Number                 | [3520-43-2]  |
| Formula                    | C <sub>25</sub> H <sub>27</sub> Cl <sub>4</sub> N <sub>4</sub>   |
| Application Notes          | Dual emission, potential-sensitive, carbocyanine probe which can be used to measure mitochondrial membrane potential. When excited at 490 nm the monomer exhibits an emission maximum at 527 nm and J-aggregates at 590 nm.1,2 JC-1 changes color reversibly f |