

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## 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