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## Product Datasheet

### **4mu8C, CAS [[14003-96-4]] FBM-10-1579**

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|----------------------------|--|
| Article Name               | 4mu8C, CAS [[14003-96-4]]  |
| Biozol Catalog Number      | FBM-10-1579  |
| Supplier Catalog Number    | 10-1579  |
| Alternative Catalog Number | FBM-10-1579-5MG,FBM-10-1579-25MG   |
| Manufacturer               | Focus Biomolecules   |
| Category                   | Biochemikalien   |
| Product Description        | IRE1 ribonuclease inhibitor...   |
| Molecular Weight           | 204.18   |
| Purity                     | 97% by TLC NMR (Conforms)  |
| Form                       | Yellow solid   |
| CAS Number                 | [14003-96-4]   |
| Formula                    | C11H8O4  |
| Application Notes          | Selective inhibitor of IRE1alpha ribonuclease (RNase) activity (IC50 = 60 nM). Covalently binds to lysine 907 in the IRE1 endonuclease domain, blocking substrate access to the active site of IRE1alpha and inactivating both XBP1 splicing and IRE1alpha-mediated mRNA d |