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## Product Datasheet

### **m-PEG-thiol (MW 750), CAS [[134874-49-0]] MCE-HY-W591476B**

|                            |   |
|----------------------------|---|
| Article Name               | m-PEG-thiol (MW 750), CAS [[134874-49-0]]   |
| Biozol Catalog Number      | MCE-HY-W591476B   |
| Supplier Catalog Number    | HY-W591476B   |
| Alternative Catalog Number | MCE-HY-W591476B-100MG   |
| Manufacturer               | MedchemExpress  |
| Category                   | Kits/Assays   |
| Product Description        | m-PEG-thiol (MW 750) modifies DNA thiolation for the synthesis of gold nanorods (AuNRs). Thiolated DNA can be loaded onto AuNR by the mPEG-SH/Tween 20 assisted method (Tween 20 and mPEG-SH repeatedly displace CTAB on the AuNR surface). DNA AuNRs have... |
| Molecular Weight           | 750(Average)  |
| Purity                     | 90  |
| CAS Number                 | [134874-49-0]   |
| Formula                    | (C <sub>2</sub> H <sub>4</sub> O) <sub>n</sub> C <sub>3</sub> H <sub>8</sub> OS   |
| Target                     | Biochemical Assay Reagents  |
| Application Notes          | Biochemical Assay Reagents  |