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## Product Datasheet

### **S-methyl DM1, CAS [[912569-84-7]]** **MCE-HY-100504**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | S-methyl DM1, CAS [[912569-84-7]]                                                                                                                                                                                                                             |
| Biozol Catalog Number      | MCE-HY-100504                                                                                                                                                                                                                                                 |
| Supplier Catalog Number    | HY-100504                                                                                                                                                                                                                                                     |
| Alternative Catalog Number | MCE-HY-100504-50MG,MCE-HY-100504-10MG,MCE-HY-100504-100MG,MCE-HY-100504-25MG,MCE-HY-100504-5MG                                                                                                                                                                |
| Manufacturer               | MedchemExpress                                                                                                                                                                                                                                                |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                |
| Product Description        | S-methyl DM1 is a thiomethyl derivative of Maytansine. S-methyl DM1 binds to tubulin with a Kd of 0.93 $\mu$ M and inhibits microtubule polymerization. S-methyl DM1 potently suppresses microtubule dynamic instability and has anticancer effects[1][2].... |
| Molecular Weight           | 752.31                                                                                                                                                                                                                                                        |
| Purity                     | 99.58                                                                                                                                                                                                                                                         |
| CAS Number                 | [912569-84-7]                                                                                                                                                                                                                                                 |
| Formula                    | C36H50ClN3O10S                                                                                                                                                                                                                                                |
| Target                     | ADC Payload, Microtubule/Tubulin                                                                                                                                                                                                                              |
| Application Notes          | MCE Product type: ADC Related                                                                                                                                                                                                                                 |