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## Product Datasheet

### Silydianin, CAS [[29782-68-1]] AMO-M4596

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Silydianin, CAS [[29782-68-1]]                                                                                                                                                                                                                                |
| Biozol Catalog Number      | AMO-M4596                                                                                                                                                                                                                                                     |
| Supplier Catalog Number    | M4596                                                                                                                                                                                                                                                         |
| Alternative Catalog Number | AMO-M4596-1MG,AMO-M4596-5MG,AMO-M4596-10MG,AMO-M4596-20MG                                                                                                                                                                                                     |
| Manufacturer               | Abmole Bioscience                                                                                                                                                                                                                                             |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                |
| Product Description        | Silydianin, the active ingredient of silythistle, has anti-collagenase and anti-elastic enzyme activities. Silydianin is a natural protein tyrosine phosphatase 1B (PTP1B) inhibitor with an IC50 value of 17.38 µM. Silydianin inhibited the production a... |
| Molecular Weight           | 482.44                                                                                                                                                                                                                                                        |
| Purity                     | >99.0%                                                                                                                                                                                                                                                        |
| CAS Number                 | [29782-68-1]                                                                                                                                                                                                                                                  |
| Formula                    | C25H22O10                                                                                                                                                                                                                                                     |
| Target                     | Phosphatase                                                                                                                                                                                                                                                   |