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## Product Datasheet

### Trichostatin A, CAS [[58880-19-6]] FBM-10-2110

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| Article Name               | Trichostatin A, CAS [[58880-19-6]]                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Biozol Catalog Number      | FBM-10-2110                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Supplier Catalog Number    | 10-2110                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Alternative Catalog Number | FBM-10-2110-1MG,FBM-10-2110-5MG                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Manufacturer               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Product Description        | HDAC inhibitor...                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Molecular Weight           | 302.38                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Purity                     | 99% by HPLC NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Form                       | Tan solid                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| CAS Number                 | [58880-19-6]                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Formula                    | C17H22N2O3                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Application Notes          | Trichostatin A (58880-19-6) is a potent and selective histone deacetylase (HDAC) inhibitor ( $K_i = 3.4$ nM). Induces reversion of ras transformed cells to normal morphology. Trichostatin A induces dedifferentiation of primordial germ cells into embryonic germ cells. Cell permeable and active in vivo. Decreased global chromatin condensation increasing gene-editing efficiency 2-4X.4 Part of the CRISPY mix for increasing precise gene editing.5 |