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## Product Datasheet

### Santacruzamate A, CAS [[1477949-42-0]] FBM-10-3613

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| Article Name               | Santacruzamate A, CAS [[1477949-42-0]]                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Biozol Catalog Number      | FBM-10-3613                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Supplier Catalog Number    | 10-3613                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Alternative Catalog Number | FBM-10-3613-5MG,FBM-10-3613-25MG                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Manufacturer               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Product Description        | HDAC2 inhibitor...                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Molecular Weight           | 278.35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Purity                     | 98% by TLC NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Form                       | Off-white solid                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| CAS Number                 | [1477949-42-0]                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Formula                    | C15H22N2O3                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Application Notes          | A highly potent and selective inhibitor of HDAC2 isolated from the Panamanian marine cyanobacterium cf. Symploca (IC50=0.119 and 434 nM for HDAC2 and HDAC6 respectively).1 Induces apoptosis and cancer cell death only in combination with other HDAC1 inhibitors.2 Potential therapeutic agent for breast cancer.3 Attenuates A fragment (A25-35)-induced toxicity in PC12 cells by enhancing ER stress tolerance.4 Ameliorates Alzheimers disease-like pathology in mouse models.4 |