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## Product Datasheet

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

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| Artikelname              | Santacruzamate A, CAS [[1477949-42-0]]                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Artikelnummer            | FBM-10-3613                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Hersteller Artikelnummer | 10-3613                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Alternativnummer         | FBM-10-3613-5MG,FBM-10-3613-25MG                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Hersteller               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Kategorie                | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Produktbeschreibung      | HDAC2 inhibitor...                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Molekulargewicht         | 278.35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Reinheit                 | 98% by TLC NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Formulierung             | Off-white solid                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| CAS Nummer               | [1477949-42-0]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Formel                   | C15H22N2O3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Anwendungsbeschreibung   | <p>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</p> |