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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 |