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## Product Datasheet

### Senexin B, CAS [[1449228-40-3]] FBM-10-4863

|                          |                                  |
|--------------------------|----------------------------------|
| Artikelname              | Senexin B, CAS [[1449228-40-3]]  |
| Artikelnummer            | FBM-10-4863                      |
| Hersteller Artikelnummer | 10-4863                          |
| Alternativnummer         | FBM-10-4863-5MG,FBM-10-4863-25MG |
| Hersteller               | Focus Biomolecules               |
| Kategorie                | Biochemikalien                   |
| Produktbeschreibung      | CDK8/19 inhibitor...             |
| Molekulargewicht         | 450.55                           |
| Reinheit                 | >98% by HPLC NMR (Conforms)      |
| Formulierung             | Off-white solid                  |
| CAS Nummer               | [1449228-40-3]                   |
| Formel                   | C27H26N6O                        |

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|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Anwendungsbeschreibung | <p>Senexin B is a potent inhibitor of cyclin-dependent kinases 8 and 19.1 It suppressed tumor growth and augmented the effects of fulvestrant in ER-positive breast cancer xenografts. KD50s: CDK8 = 59 nM, CDK19 = 23 nM.2 Senexin B also showed synergistic effects with lapatinib and trastuzumab in a panel of HER2+ breast cancer cell lines. Senexin B and ALK5 inhibitor SB431542 afforded generation of pancreatic islet cells from pluripotent stem cells without any mutagenic effects.4 Combination treatment of Senexin B and Imatinib intensified apoptotic cell death in chronic myelogenous leukemia cells and prevented quiescence-mediated escape from apoptosis.5</p> |
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