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Product Datasheet

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

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| Article Name | Senexin B, CAS [[1449228-40-3]] |
| Biozol Catalog Number | FBM-10-4863 |
| Supplier Catalog Number | 10-4863 |
| Alternative Catalog Number | FBM-10-4863-5MG,FBM-10-4863-25MG |
| Manufacturer | Focus Biomolecules |
| Category | Biochemikalien |
| Product Description | CDK8/19 inhibitor... |
| Molecular Weight | 450.55 |
| Purity | >98% by HPLC NMR (Conforms) |
| Form | Off-white solid |
| CAS Number | [1449228-40-3] |
| Formula | C27H26N6O |
| Application Notes | <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> |