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Product Datasheet

Senexin B, CAS [[1449228-40-3]]

FBM-10-4863

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	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