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Product Datasheet

BIBR1532, CAS [[321674-73-1]]

FBM-10-3920

Article Name	BIBR1532, CAS [[321674-73-1]]
Biozol Catalog Number	FBM-10-3920
Supplier Catalog Number	10-3920
Alternative Catalog Number	FBM-10-3920-5MG, FBM-10-3920-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Telomerase inhibitor...
Molecular Weight	331.37
Purity	98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[321674-73-1]
Formula	C21H17NO3
Application Notes	Non-competitive specific inhibitor of telomerase (IC50 = 93 nM), targeting telomerase reverse transcriptase (hTERT).1,2 Induces apoptosis in MCF-7 breast cancer cells and breast cancer stem cells3 and affected the epithelial mesenchymal transition in breast cancer stem cells4. BIBR1532 eliminated pancreatic stem cells via DNA damage and apoptosis in primary patient-derived samples.5 It significantly inhibited cell proliferation and induced apoptosis in acute myeloid leukemia stem cells.6