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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	C <sub>21</sub> H <sub>17</sub> NO <sub>3</sub>
Application Notes	Non-competitive specific inhibitor of telomerase (IC <sub>50</sub> = 93 nM), targeting telomerase reverse transcriptase (hTERT). <sup>1,2</sup> Induces apoptosis in MCF-7 breast cancer cells and breast cancer stem cells <sup>3</sup> and affected the epithelial mesenchymal transition in breast cancer stem cells <sup>4</sup> . BIBR1532 eliminated pancreatic stem cells via DNA damage and apoptosis in primary patient-derived samples. <sup>5</sup> It significantly inhibited cell proliferation and induced apoptosis in acute myeloid leukemia stem cells. <sup>6</sup>