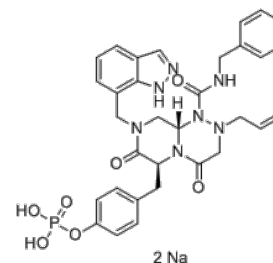


Product Name : YB-0158
Cat. No. : PC-72907
CAS No. : 1144043-83-3
Molecular Formula : C₃₂H₃₄N₇O₇P₂Na
Molecular Weight : 705.61
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

YB-0158 (YB0158) is a β -turn peptidomimetic small molecule altering key hallmarks of human colorectal tumorigenesis, with high predicted affinity for **Sam68**.

YB-0158 elicits a cancer-selective response impeding main cancer stem cell hallmarks.

YB-0158 blocks colorectal cancer stem cell activity in tumor organoids and in vivo systems.

Sam68 is a putative target of β -turn peptidomimetic molecules in cancer cells.

References

Angelique N Masibag, et al. *iScience*. 2021 Nov 14;24(12):103442.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com