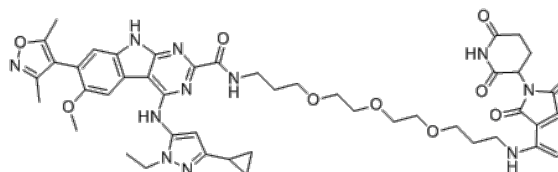


Product Name : BETd-246
Cat. No. : PC-60931
CAS No. : 2140289-17-2
Molecular Formula : C₄₈H₅₅N₁₁O₁₀
Molecular Weight : 946.035
Target : PROTAC
Solubility : 10 mM in DMSO



Biological Activity

BETd-246 (BETd246) is a potent, second-generation **BET** protein PROTAC degrader that exhibits superior selectivity, potency and antitumor activity.

BETd-246 completely and selectively depletes BRD2, BRD3 and BRD4 in representative TNBC cell lines with 30-100 nM for 1 h or with 10-30 nM for 3 h incubation.

BETd-246 displays strong growth inhibition and apoptosis induction activity in TNBC cell lines with IC₅₀ <1 uM, induces a rapid and time-dependent downregulation of MCL1 protein.

BETd-246 decreases BET proteins in xenograft breast tumors and suppress tumor growth in vivo without causing weight loss.

References

Bai L, et al. *Cancer Res.* 2017 May 1;77(9):2476-2487.

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

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