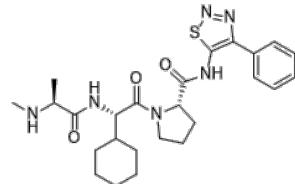

Product Name	:	GDC-0152
Cat. No.	:	PC-25916
CAS No.	:	873652-48-3
Molecular Formula	:	C ₂₅ H ₃₄ N ₆ O ₃ S
Molecular Weight	:	498.65
Target	:	IAP
Solubility	:	10 mM in DMSO



Biological Activity

GDC-0152 is a potent small-molecule antagonist of inhibitor of apoptosis (IAP) proteins, binds to XIAP BIR3 domain, BIR domain of ML-IAP, and BIR3 domains of cIAP1 and cIAP2 with Ki of 28, 14, 17, and 43 nM, respectively.

GDC-0152 promotes degradation of cIAP1, induces activation of caspase-3/7, and lead to decreased viability of breast cancer cells without affecting normal mammary epithelial cells.

GDC-0152 (10-100 mg/kg) inhibits tumor growth when dosed orally in the MDA-MB-231 breast cancer xenograft model.

References

Flygare JA, et al. J Med Chem. 2012 May 10;55(9):4101-13.

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

E-mail: tech@probechem.com
