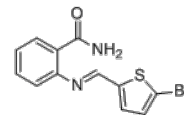


Product Name : BTYNB
Cat. No. : PC-61770
CAS No. : 304456-62-0
Molecular Formula : C₁₂H₉BrN₂OS
Molecular Weight : 309.181
Target : c-Myc
Solubility : 10 mM in DMSO



Biological Activity

BTYNB is a potent and selective inhibitor of **IMP1** binding to c-Myc mRNA with IC₅₀ of 5 μ M.

BTYNB has no effect on binding of PR to flPRE.

BTYNB destabilizes c-Myc mRNA, downregulates β -TrCP1 mRNA and reduces activation of NF- κ B.

BTYNB also decreases oncogenic translation regulator eEF2 mRNA levels in cancer cells.

BTYNB potently inhibits proliferation of IMP1-containing ovarian cancer and melanoma cells with no effect in IMP1-negative cells.

References

Mahapatra L, et al. *Transl Oncol.* 2017 Oct;10(5):818-827.

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

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