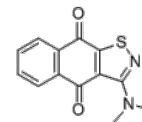


Product Name : LOM612
Cat. No. : PC-21525
CAS No. : 2173232-79-4
Molecular Formula : C₁₃H₁₀N₂O₂S
Molecular Weight : 258.30
Target : Foxo1
Solubility : 10 mM in DMSO



Biological Activity

LOM612 is a potent FOXO relocator and activator, potently activates nuclear translocation of FOXO with EC₅₀ of 1.5 μM in cell-based FOXO reporter assays.

LOM612 potently induces FOXO translocation in a dose-dependent manner.

LOM612 shows no effect on the nuclear export of endogenous NFκB2 transcription factor.

LOM612 efficiently induces translocation of endogenous FOXO3a and FOXO1, increases FOXO target genes p27 and FasL in U2OS cells.

LOM612 compromises the viability of human cancer cell lines (HepG2 cells, IC₅₀=0.64 μM).

References

Bastien Cautain, et al. PLoS One. 2016 Dec 9;11(12):e0167491.

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

E-mail: tech@probechem.com