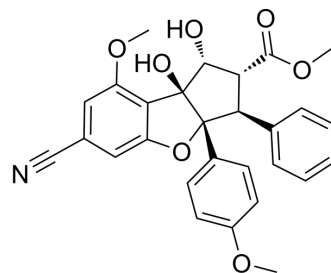


## eIF4A3-IN-17

Cat. No.:	HY-148451
CAS No.:	1402931-75-2
Molecular Formula:	C <sub>28</sub> H <sub>25</sub> NO <sub>7</sub>
Molecular Weight:	487.5
Target:	Eukaryotic Initiation Factor (eIF)
Pathway:	Cell Cycle/DNA Damage
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



### BIOLOGICAL ACTIVITY

#### Description

eIF4A3-IN-17 (compound 61) is a [silvestrol](#) (HY-13251) analogue. eIF4A3-IN-17 interferes the assembling of eIF4F translation complex with EC<sub>50</sub>s of 0.9, 15 and 1.8 nM for myc-LUC, tub-LUC and the growth inhibition for MBA-MB-231 cells. eIF4A3-IN-17 can be used for the research of human cancer pathogenesis<sup>[1]</sup>.

### REFERENCES

[1]. Liu T, et al. Synthetic silvestrol analogues as potent and selective protein synthesis inhibitors. J Med Chem. 2012 Oct 25;55(20):8859-78.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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