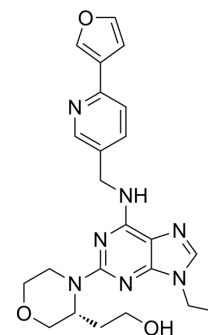


## CDK-IN-13

Cat. No.:	HY-157297
Molecular Formula:	C <sub>23</sub> H <sub>27</sub> N <sub>7</sub> O <sub>3</sub>
Molecular Weight:	449.51
Target:	CDK
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

CDK-IN-13 (compound 32E) is a potent and selective inhibitor of CDK12/cyclinK with an IC<sub>50</sub> of 3 nM. CDK-IN-13 inhibits the growth of the HER2-positive breast cancer cell lines<sup>[1]</sup>.

## REFERENCES

[1]. Kuchukulla RR, et al. Identification of a novel potent CDK inhibitor degrading cyclinK with a superb activity to reverse trastuzumab-resistance in HER2-positive breast cancer in vivo. *Eur J Med Chem.* 2024 Jan 15;264:116014.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA