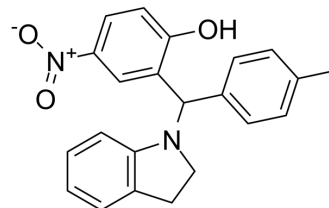


## HNPMI

Cat. No.:	HY-162148
CAS No.:	1980848-48-3
Molecular Formula:	C <sub>22</sub> H <sub>20</sub> N <sub>2</sub> O <sub>3</sub>
Molecular Weight:	360.41
Target:	EGFR
Pathway:	JAK/STAT Signaling; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

HNPMI is an inhibitor of EGFR and has cytotoxic effects on tumor cells. HNPMI can downregulate the protein levels of osteopontin, survivin and cathepsin S, leading to apoptosis. HNPMI also regulates BCL-2/BAX and p53 in CRC cell lines to inhibit tumorigenesis<sup>[1]</sup>.

## REFERENCES

[1]. Kandhavelu J, et al. A novel EGFR inhibitor, HNPMI, regulates apoptosis and oncogenesis by modulating BCL-2/BAX and p53 in colon cancer. *Br J Pharmacol.* 2024 Jan;181(1):107-124.

**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](mailto:tech@MedChemExpress.com)

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