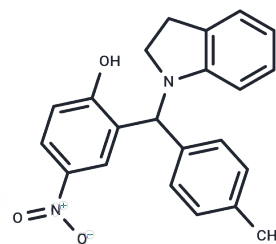


## HNPMI

## Chemical Properties

CAS No. :	1980848-48-3
Formula:	C <sub>22</sub> H <sub>20</sub> N <sub>2</sub> O <sub>3</sub>
Molecular Weight:	360.41
Storage:	Store at low temperature Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	HNPMI is an EGFR inhibitor that induces G0/G1 phase arrest of CRC cells in colorectal cancer, regulates enzymes associated with apoptosis, and can promote apoptosis, and can be used for the study of colorectal cancer.
Targets(IC50)	Apoptosis,EGFR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7746 mL	13.8731 mL	27.7462 mL
5 mM	0.5549 mL	2.7746 mL	5.5492 mL
10 mM	0.2775 mL	1.3873 mL	2.7746 mL
50 mM	0.0555 mL	0.2775 mL	0.5549 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

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.

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