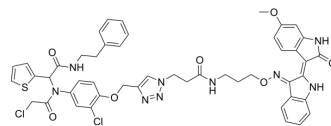


## GPX4/CDK-IN-1

Cat. No.:	HY-163272
Molecular Formula:	C <sub>48</sub> H <sub>45</sub> Cl <sub>2</sub> N <sub>9</sub> O <sub>7</sub> S
Molecular Weight:	962.9
Target:	Glutathione Peroxidase; CDK
Pathway:	Apoptosis; Metabolic Enzyme/Protease; Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

GPX4/CDK-IN-1 (Compound B9) is a dual inhibitor of GPX4 and CDK, with IC<sub>50</sub> values of 542.5 nM, 191.2 nM and 68.1 nM for GPX4, CDK4 and CDK6, respectively. GPX4/CDK-IN-1 shows strong cancer cell growth inhibition in vivo<sup>[1]</sup>.

## REFERENCES

[1]. Zhu J, et al. Design, Synthesis, and Biological Evaluation for First GPX4 and CDK Dual Inhibitors. J Med Chem. 2024 Jan 31.

**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