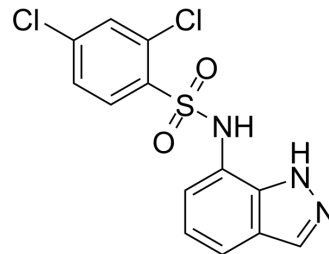


## Anticancer agent 70

Cat. No.:	HY-147816
CAS No.:	2521770-35-2
Molecular Formula:	C <sub>13</sub> H <sub>9</sub> Cl <sub>2</sub> N <sub>3</sub> O <sub>2</sub> S
Molecular Weight:	342.2
Target:	Mitochondrial Metabolism
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Anticancer agent 70 (Compound 21), an anticancer agent, exhibits remarkable cytotoxic activity against numerous human cancer cell lines. Anticancer agent 70 results in the G<sub>0</sub>/G<sub>1</sub>-cell cycle arrest with a concomitant increase in p53 and p21 protein levels. Anticancer agent 70 leads to ATP depletion and disruption of the mitochondrial membrane potential<sup>[1]</sup>.

### REFERENCES

[1]. Butakowska A, et al. Novel N-(aryl/heteroaryl)-2-chlorobenzenesulfonamide derivatives: Synthesis and anticancer activity evaluation. *Bioorg Chem.* 2020 Nov;104:104309.

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

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