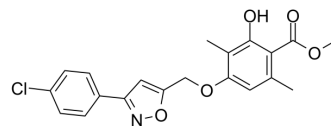


## Anticancer agent 68

Cat. No.:	HY-147783
CAS No.:	2692652-36-9
Molecular Formula:	C <sub>20</sub> H <sub>18</sub> ClNO <sub>5</sub>
Molecular Weight:	387.81
Target:	MDM-2/p53
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Anticancer agent 68 is (Compound 12) is an anti-cancer agent. Anticancer agent 68 arrests the cells at the G2/M phase and induces programmed cell death. Anticancer agent 68 induces upregulation of tumor suppression via activation of p53 & PTEN<sup>[1]</sup>.

### REFERENCES

[1]. Reddy ST, et al. Synthesis of some novel methyl β-orsellinate based 3, 5-disubstituted isoxazoles and their anti-proliferative activity: Identification of potent leads active against MCF-7 breast cancer cell. *Bioorg Chem.* 2020;105:104374.

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

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