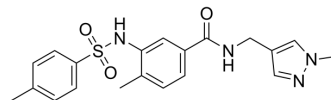


## S-72

Cat. No.:	HY-156958
CAS No.:	2446799-14-8
Molecular Formula:	C <sub>20</sub> H <sub>22</sub> N <sub>4</sub> O <sub>3</sub> S
Molecular Weight:	398.48
Target:	Microtubule/Tubulin; STAT; Apoptosis
Pathway:	Cell Cycle/DNA Damage; Cytoskeleton; JAK/STAT Signaling; Stem Cell/Wnt; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

S-72 inhibits tubulin polymerization and further triggers mitosis-phase cell cycle arrest and cell apoptosis, in addition to suppressing STAT3 signaling<sup>[1]</sup>.

## REFERENCES

[1]. Zhenyan Hou, et al. S-72, a Novel Orally Available Tubulin Inhibitor, Overcomes Paclitaxel Resistance via Inactivation of the STING Pathway in Breast Cancer. *Pharmaceuticals (Basel)*. 2023 May 15;16(5):749.

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

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