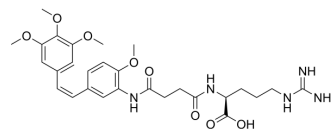


## Tubulin/NRP1-IN-1

Cat. No.:	HY-163062
CAS No.:	2983719-82-8
Molecular Formula:	C <sub>28</sub> H <sub>37</sub> N <sub>5</sub> O <sub>8</sub>
Molecular Weight:	571.62
Target:	Microtubule/Tubulin; Apoptosis; Complement System
Pathway:	Cell Cycle/DNA Damage; Cytoskeleton; Apoptosis; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Tubulin/NRP1-IN-1 (compound TN-2) is a dual inhibitor of Tubulin and NRP1 with IC<sub>50</sub>s of 0.71 and 0.85 μM, respectively. Tubulin/NRP1-IN-1 significantly inhibits the viability of prostate tumor cell lines and induces apoptosis<sup>[1]</sup>.

### REFERENCES

[1]. Zheng L, et al. Discovery of a Dual Tubulin and Neuropilin-1 (NRP1) Inhibitor with Potent In Vivo Anti-Tumor Activity via Pharmacophore-based Docking Screening, Structure Optimization, and Biological Evaluation. *J Med Chem.* 2023 Dec 14;66(23):16187-16200.

**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