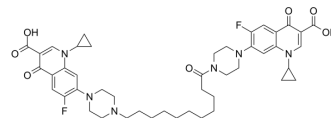


## Anticancer agent 120

Cat. No.:	HY-149997
CAS No.:	2928614-22-4
Molecular Formula:	C <sub>45</sub> H <sub>54</sub> F <sub>2</sub> N <sub>6</sub> O <sub>7</sub>
Molecular Weight:	828.94
Target:	Bacterial; Reactive Oxygen Species; Apoptosis
Pathway:	Anti-infection; Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Anticancer agent 120 (compound 21) is an N-acylated ciprofloxacin derivative, which has certain antibacterial activity and induces ROS to promote cancer cell apoptosis<sup>[1]</sup>.

### REFERENCES

[1]. Marta Struga, et al. N-Acylated Ciprofloxacin Derivatives: Synthesis and In Vitro Biological Evaluation as Antibacterial and Anticancer Agents. ACS Omega. 2023 May 18;8(21):18663-18684.

**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