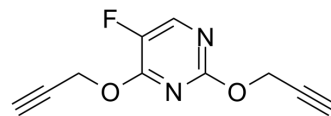


## Bis-Pro-5FU

Cat. No.:	HY-145311
CAS No.:	2155827-07-7
Molecular Formula:	C <sub>10</sub> H <sub>7</sub> FN <sub>2</sub> O <sub>2</sub>
Molecular Weight:	206.17
Target:	Nucleoside Antimetabolite/Analog
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Bis-Pro-5FU (Compound 4) is a 5-FU precursor that confers oral bioavailability and increase the safety profile of 5-Fluorouracil (5-FU) chemotherapy regimens. 5-FU is an antineoplastic antimetabolite that is widely used for the research of colorectal and pancreatic cancer<sup>[1]</sup>.

### REFERENCES

[1]. Catherine Adam, et al. A 5-FU Precursor Designed to Evade Anabolic and Catabolic Drug Pathways and Activated by Pd Chemistry In Vitro and In Vivo. *J Med Chem.* 2022 Jan 13;65(1):552-561.

**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