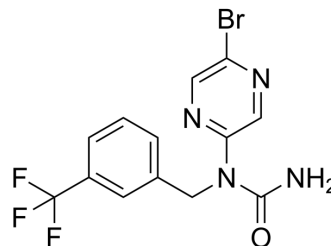


## BPU

Cat. No.:	HY-163129
Molecular Formula:	C <sub>13</sub> H <sub>10</sub> BrF <sub>3</sub> N <sub>4</sub> O
Molecular Weight:	375.14
Target:	Apoptosis; MMP
Pathway:	Apoptosis; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

BPU arrests cell cycle progression in the sub-G1 phase. BPU is an anticancer agent through inhibiting blood vessel formation in tumor tissues<sup>[1]</sup>.

## REFERENCES

[1]. Yasser Hussein Issa Mohammed, et al. Discovery of 1-(5-bromopyrazin-2-yl)-1-[3-(trifluoromethyl)benzyl]urea as a promising anticancer drug via synthesis, characterization, biological screening, and computational studies. *Sci Rep.* 2023, 13, 1.

[2]. Yasser Hussein Issa Mohammed, et al. Discovery of 1-(5-bromopyrazin-2-yl)-1-[3-(trifluoromethyl)benzyl]urea as a promising anticancer drug via synthesis, characterization, biological screening, and computational studies. *Scientific Reports.* Dec 12.

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

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