

Product Data Sheet

Product Name: BPU
Cat. No.: GC74024

Chemical Properties

Cas. No.

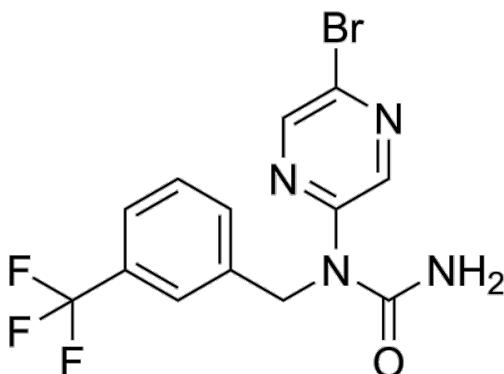
Formula $C_{13}H_{10}BrF_3N_4O$ M.Wt 375.14

Solubility Storage $-20^{\circ}C$

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

BPU arrests cell cycle progression in the sub-G1 phase. BPU is an anticancer agent through inhibiting blood vessel formation in tumor tissues.

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.

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

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[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.

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