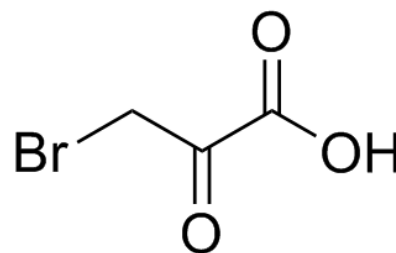


Product Name : 3-Bromopyruvic acid
Cat. No. : PC-45777
CAS No. : 1113-59-3
Molecular Formula : C₃H₃BrO₃
Molecular Weight : 166.9581
Target : Hexokinase
Solubility : H₂O: ≥ 32 mg/mL



Biological Activity

A glycolytic inhibitor that inhibits hexokinase II activity, suppresses ATP production, and induces endoplasmic reticulum (ER) stress; potentiates acetate-induced apoptosis and anti-proliferative effect in CRC cells; abrogates MUC1-mediated radiation resistance both in vitro and in vivo pancreatic cancer models, by reducing glucose flux into nucleotide biosynthetic pathways and enhancing DNA damage.

References

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Ferro S, et al. *Oncotarget*. 2016 Sep 21. doi: 10.18632/oncotarget.12156.
Gunda V, et al. *Clin Cancer Res*. 2017 Jul 18. pii: clincanres.1151.2017.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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