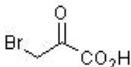


Product datasheet

Bromopyruvic acid (3-bromopyruvic acid), Hexokinase II inhibitor ab146138

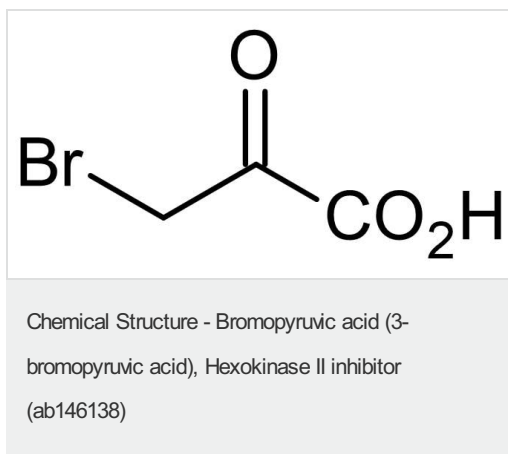
1 Image

Overview

Product name	Bromopyruvic acid (3-bromopyruvic acid), Hexokinase II inhibitor
Description	Hexokinase II inhibitor. Antitumor agent.
Biological description	Hexokinase II inhibitor. Antitumor agent. Inhibits glutathione S-transferase and SOD. Pyruvic acid (ab145036) derivative. Induces oxidative stress. Induces S and G2/M cell cycle arrest. Shows antiproliferative effects. Shows antitumor and antimicrobial effects <i>in vivo</i> .
CAS Number	1113-59-3
Chemical structure	

Properties

Chemical name	3-Bromo-2-oxopropanoic acid
Molecular weight	166.96
Molecular formula	C ₃ H ₃ BrO ₃
PubChem identifier	70684
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 100 mM and in DMSO
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	C(C(=O)C(=O)O)Br
Source	Synthetic



2D chemical structure image of ab146138, Bromopyruvic acid (3-bromopyruvic acid), Hexokinase II inhibitor

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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- We investigate all quality concerns to ensure our products perform to the highest standards

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