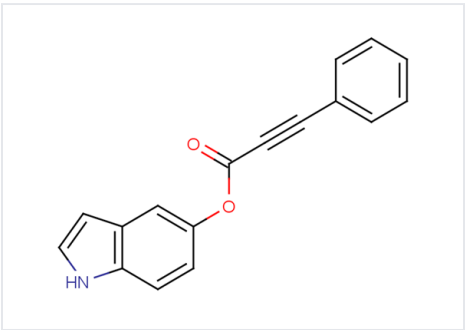
Antitumor agent-68 Inhibitor

PRODUCT OVERVIEW

Product Name	Antitumor agent-68, Inhibitor
Full Product Name	Antitumor agent-68
Preparation and Storage	Powder: -20 degree C for 3 years | In solvent: -80 degree C for 1 year
Molecular Weight	261.27
SMILES	O(C(C#CC1=CC=CC=C1)=O)C=2C=C3C(=CC2)NC=C3
Formula	C17H11NO2
Solubility	(< 1 mg/ml refers to the product slightly soluble or insoluble)
CAS Number	2566497-96-7
In_vitro	Antitumor agent-68 (Compound 7) shows anticancer activity with IC 50 s of 3.6 and 3.8uM, for HeLa and MCF-7 cells, respectively [1]. Antitumor agent-68 (10 uu; 24 hours) leads to a 3-fold reduction of ROS production induced by Men in 3T3-L1 cells, and an EC 50 of 8.30ug/mL for DPPH radical scavenging [1]. Cell Viability Assay [1] Cell Line: HeLa, MCF-7, 3T3-L1 Concentration: 10uM Incubation Time: 24 hours Result: Showed anticancer activity by blocking the tubulin polymerization reaction. Reduced production of ROS, and scavenged DPPH radical.
Related Product Information for Antitumor agent-68, inhibitor	Antitumor agent-68 is a potent tubulin Inhibitor that exhibits good antitumor activity with IC 50 s of 3.6 and 3.8uM for cervical cancer cells line HeLa and breast cancer cells line MCF-7 cells, respectively. Antitumor agent-68 demonstrates good scavenging activity of ROS and DPPH radical in a dose-dependent manner.
Other Notes	Small volumes of Antitumor agent-68, inhibitor vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Antitumor agent-68 purchase	MBS5803149 is an inhibitor targeting Antitumor agent-68.



Structure of Antitumor agent-68, inhibitor

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/inhibitor/antitumor-agent-68/5803149