Sulforaphene Inhibitor

PRODUCT OVERVIEW

Product Name	Sulforaphene, Inhibitor
Full Product Name	Sulforaphene
Form/Format	Solid. Powder
Purity/Purification	98.00%
Preparation and Storage	Store at -20 degree C for 3 years powder -80 degree C for 2 years in solvent
Molecular Weight	175.26
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
Formula	C6H9NOS2
CAS Number	592-95-0
Target & IC50	Antifection Bcl-2 Caspase EGFR ERK JNK NF-kappaB PARP ROS
Product Categories/Family for Sulforaphene, inhibitor	Microbiology/Virology; Antifection; Angiogenesis; JAK/STAT signaling; Tyrosine Kinase/Adaptors; Apoptosis; Proteases/Proteasome; Chromatin/Epigenetic; DNA Damage/DNA Repair; Immunology/Inflammation; MAPK; NF-kappab
Related Product Information for Sulforaphene, inhibitor	Sulforaphene may be a potential anti- triple negative breast cancer natural compound and its /antiproliferation effects may be mediated by tumor suppressor Egr1; it has chemotherapeutic potential, it promotes Bax/Bcl2, MAPK-dependent human gastric cancer AGS cells apoptosis and inhibits migration via EGFR, p-ERK1/2 down-regulation; it enhances radiosensitivity of hepatocellular carcinoma through suppression of the NF-kappaB pathway. Sulforaphene has anti-proliferative and antibacterial properties. Sulforaphene also has herbicidal activity, the ED50 of it against velvetleaf seedlings was approximately 2x10(-4) M.
Product References and Citations for Sulforaphene, inhibitor	Herbicidal activity of sulforaphene from stock (Matthiola incana). J Chem Ecol. 1993 Oct;19(10):2279-84. Sulforaphene inhibits triple negative breast cancer through activating tumor suppressor Egr1. Breast Cancer Res Treat. 2016 Jul;158(2):277-86. Characterization of Anti-proliferative and Antibacterial Properties of Sulforaphene Obtained from Radish Seeds, Ashs Conference. 2013.
Other Notes	Small volumes of Sulforaphene, 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 Sulforaphene purchase	MBS5759687 is an inhibitor targeting Sulforaphene.

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/sulforaphene/5759687