Product ID P2502
CAS No. 18425-76-8

Chemical Name Glucopyranose, 1-thio-, 1-hydrocinnamohydroximate NO-
(hydrogen sulfate), beta-D-

Synonym Gluconasturtiin

Formula $C_{15}H_{20}NO_{9}S_{2}K$
Formula Wt. 461.55
Melting Point 129-133°C
Purity ≥97%
Solubility Soluble in water.

Store Temp -20°C
Ship Temp Ambient

Description Phenethyl glucosinolate is found in cruciferous vegetables; it is the parent compound of phenethyl isothiocyanate (PEITC). This compound exhibits antioxidative, anticancer chemotherapeutic, and chemopreventive activities. In vitro, phenethyl glucosinolate scavenges radicals and protects LDL from oxidation. Like its parent compound, this compound may induce phase II enzymes.

References


Caution: This product is intended for laboratory and research use only. It is not for human or drug use.