

Product Data Sheet

Product Name: Sodium thiocyanate

Cat. No.: GC62370

Chemical Properties

Cas. No. 540-72-7

Formula CNNaS

M.Wt 81.07

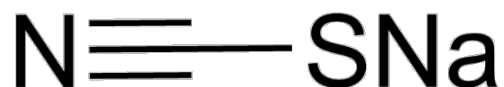
Solubility DMSO : 16mg/mL

Storage 4°C, away from moisture

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

Sodium thiocyanate reduces plasma levels of the pro-inflammatory cytokine IL-6, and increases the anti-inflammatory cytokine IL-10 levels. Sodium thiocyanate also significantly reduces of ROS formation[1].

Sodium thiocyanate attenuates atherosclerotic plaque formation and improves endothelial regeneration in mice. Sodium thiocyanate improves inflammatory cytokine levels in the plasma as well as ROS and chlorotyrosine formation in the vessel wall[1].

[1]. Zietzer A, et al. Sodium thiocyanate treatment attenuates atherosclerotic plaque formation and

Caution: Product has not been fully validated for medical applications. For research use only.

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improves endothelial regeneration in mice. PLoS One. 2019 Apr 2;14(4):e0214476.

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