

Product Data Sheet

Product Name: 4,4'-Bis(4-amino-1-naphthylazo)-2,2'-stilbenedisulfonic Acid

Cat. No.: GD03145

Chemical Properties

Cas. No. 5463-64-9

Formula $C_{34}H_{26}N_6O_6S_2$

M.Wt 678.74

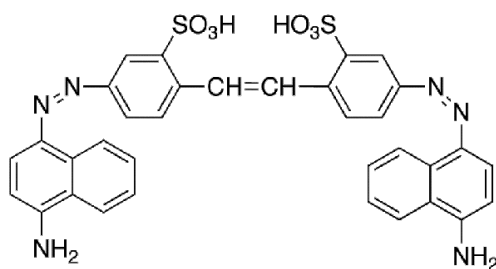
Solubility

Storage 4°C, sealed storage, away from moisture and light

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

SPI-05 (NSC 5067) is a non-competitive SUMO-specific proteases (SEN1/2) inhibitor (IC₅₀=60 μM). SPI-05 is promising for research of cancers, such as prostate cancer and hypoxia-driven solid tumors with SEN1 overexpression^[1].

References:

[1]. Madu IG, et al. Identification and characterization of a new chemotype of noncovalent SENP inhibitors. ACS Chem Biol. 2013 Jul 19;8(7):1435-41.

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

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